

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014574.D
 Acq On : 11 Jan 2020 06:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:01 AM

Quant Time: Jan 13 01:05:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	253680	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.49	113	208846	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	808486	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	290166	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282023	50.724	ug/l	99
3) Chloromethane	1.32	50	288195	50.489	ug/l	99
4) Vinyl Chloride	1.41	62	336684	52.933	ug/l	99
5) Bromomethane	1.63	94	194958	46.240	ug/l	100
6) Chloroethane	1.72	64	184289	53.254	ug/l	98
7) Trichlorofluoromethane	1.92	101	362680	50.265	ug/l	98
8) Diethyl Ether	2.18	74	162850	49.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	213827	48.711	ug/l	99
10) Methyl Iodide	2.50	142	301316	57.325	ug/l	99
11) Tert butyl alcohol	3.03	59	282187	270.351	ug/l	99
12) 1,1-Dichloroethene	2.37	96	215563	48.740	ug/l	98
13) Acrolein	2.28	56	177563	212.240	ug/l	99
14) Allyl chloride	2.72	41	377117	48.567	ug/l	99
15) Acrylonitrile	3.13	53	673471	267.336	ug/l	99
16) Acetone	2.43	43	610599	243.498	ug/l	99
17) Carbon Disulfide	2.56	76	561614	45.510	ug/l	100
18) Methyl Acetate	2.76	43	402786	56.060	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	738212	51.996	ug/l	100
20) Methylene Chloride	2.85	84	252235	50.157	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	234359	48.538	ug/l	98
22) Diisopropyl ether	3.84	45	793223	52.861	ug/l	99
23) Vinyl Acetate	3.80	43	2875107	247.475	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424824	52.042	ug/l	100
25) 2-Butanone	4.66	43	945809	253.289	ug/l	99
26) 2,2-Dichloropropane	4.58	77	234660	33.935	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	267922	49.637	ug/l	98
28) Bromochloromethane	5.00	49	178269	51.827	ug/l	96
29) Tetrahydrofuran	5.12	42	605896	274.440	ug/l	99
30) Chloroform	5.20	83	415054	52.033	ug/l	99
31) Cyclohexane	5.58	56	392154	51.324	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	352227	51.586	ug/l	100
36) 1,1-Dichloropropene	5.79	75	315675	47.974	ug/l	100
37) Ethyl Acetate	4.82	43	362462	50.712	ug/l	99
38) Carbon Tetrachloride	5.78	117	299432	49.450	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390606	47.249	ug/l	99
40) Benzene	6.14	78	977456	50.049	ug/l	99
41) Methacrylonitrile	5.03	41	201460	52.855	ug/l	98
42) 1,2-Dichloroethane	6.18	62	338902	49.631	ug/l	99
43) Isopropyl Acetate	6.43	43	594471	51.486	ug/l	98
44) Trichloroethene	7.21	130	273044	48.650	ug/l	99
45) 1,2-Dichloropropane	7.51	63	253238	50.860	ug/l	100
46) Dibromomethane	7.65	93	165189	47.533	ug/l	100
47) Bromodichloromethane	7.89	83	323632	51.179	ug/l	97
48) Methyl methacrylate	7.76	41	291527	52.717	ug/l	99
49) 1,4-Dioxane	7.73	88	120865	1031.489	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1872913	266.193	ug/l	100
52) Toluene	8.78	92	613407	49.065	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	336660	45.729	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	378921	47.646	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	249239	49.634	ug/l	99
56) Ethyl methacrylate	9.17	69	404926	52.634	ug/l	99
57) 1,3-Dichloropropane	9.37	76	423876	50.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	691343	264.124	ug/l	99
59) 2-Hexanone	9.48	43	1425084	255.982	ug/l	100
60) Dibromochloromethane	9.58	129	258241	51.165	ug/l	98
61) 1,2-Dibromoethane	9.67	107	259720	48.827	ug/l	100
64) Tetrachloroethene	9.33	164	336996	52.909	ug/l	99
65) Chlorobenzene	10.14	112	662212	48.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	244932	49.764	ug/l	100
67) Ethyl Benzene	10.24	91	1172164	49.864	ug/l	99
68) m/p-Xylenes	10.35	106	895364	98.728	ug/l	100
69) o-Xylene	10.70	106	433002	50.041	ug/l	99
70) Styrene	10.71	104	739745	49.538	ug/l	99
71) Bromoform	10.85	173	199229	49.474	ug/l #	99
73) Isopropylbenzene	11.01	105	1135049	50.937	ug/l	99
74) N-amyl acetate	10.89	43	515990	52.486	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	367576	51.437	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	358553m	54.611	ug/l	
77) Bromobenzene	11.25	156	295854	47.876	ug/l	99
78) n-propylbenzene	11.35	91	1280261	50.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	752835	49.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	955505	51.648	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111963	45.085	ug/l	97
82) 4-Chlorotoluene	11.51	91	882011	49.404	ug/l	98
83) tert-Butylbenzene	11.76	119	852434	48.766	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	957948	51.244	ug/l	100
85) sec-Butylbenzene	11.94	105	1091000	50.206	ug/l	100
86) p-Isopropyltoluene	12.06	119	1013075	50.239	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	525457	47.380	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	522688	50.169	ug/l	99
89) n-Butylbenzene	12.38	91	868881	47.126	ug/l	99
90) Hexachloroethane	12.59	117	175770	49.624	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	536189	49.347	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83235	51.781	ug/l	97

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VSTDCCC050EC

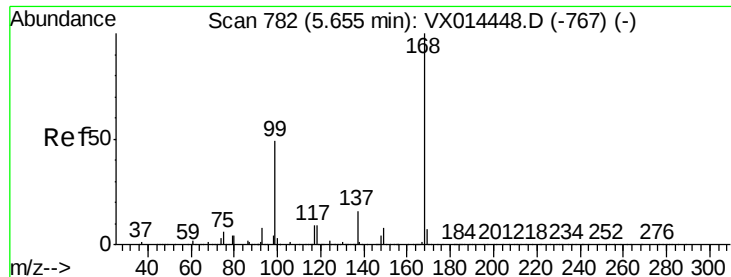
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	361870	47.447	ug/l	99
94) Hexachlorobutadiene	13.77	225	172706	48.357	ug/l	100
95) Naphthalene	13.83	128	1113026	47.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	359133	47.974	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 447801

Ion Ratio Lower Upper

168 100

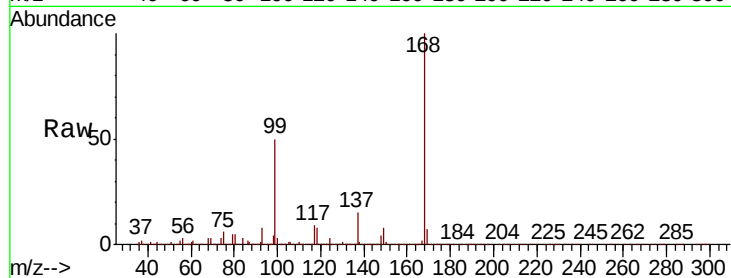
99 49.5 39.2 58.8

Manual Integrations

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1/13/2020 11:34:01 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

100000

50000

0

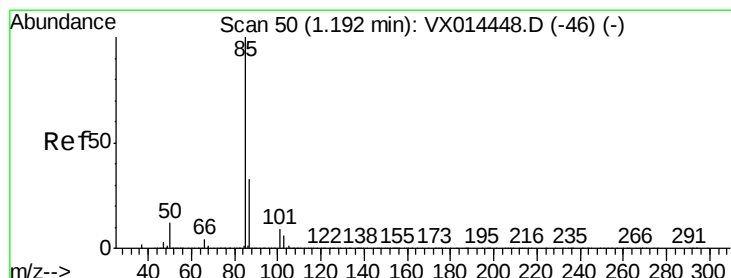
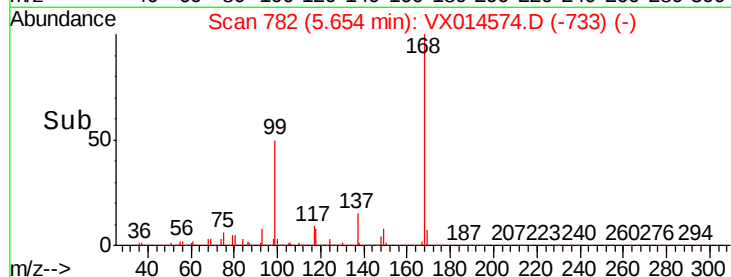
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 50.724 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014574.D

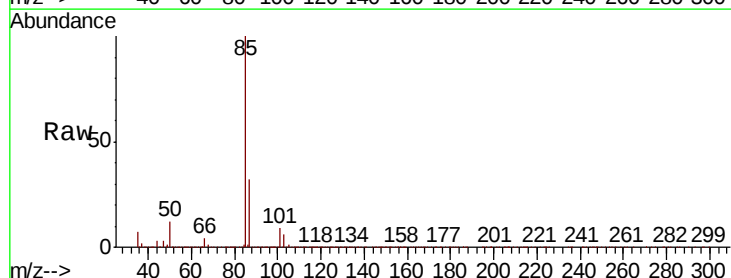
Acq: 11 Jan 2020 06:42

Tgt Ion: 85 Resp: 282023

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

200000

100000

0

Time-->

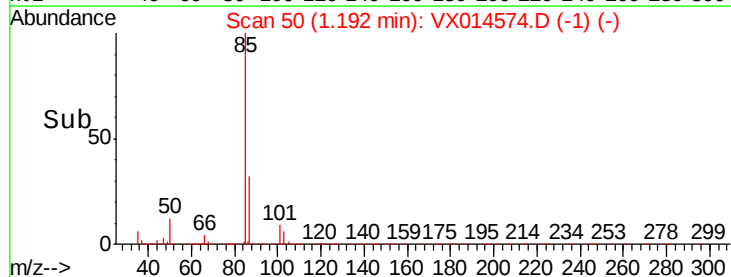
1.10

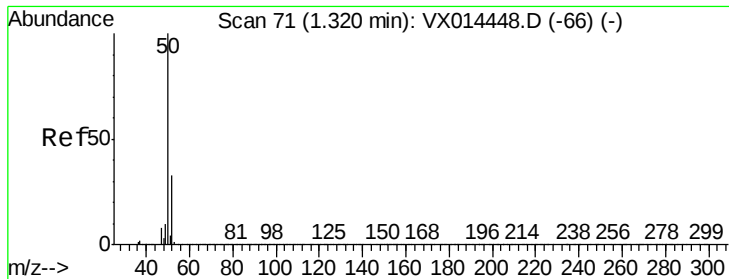
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 50.489 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 288195

Ion Ratio Lower Upper

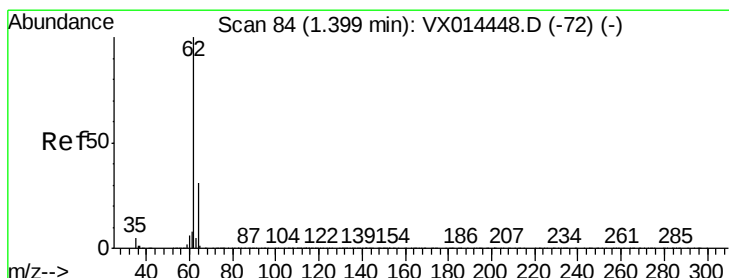
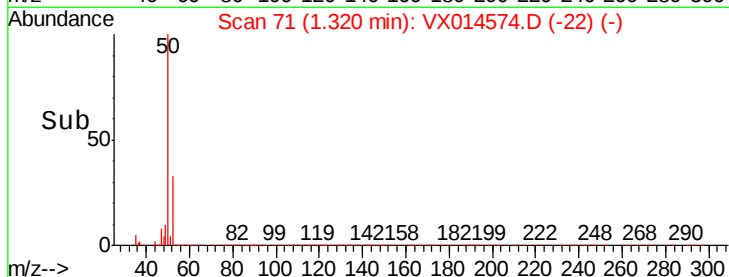
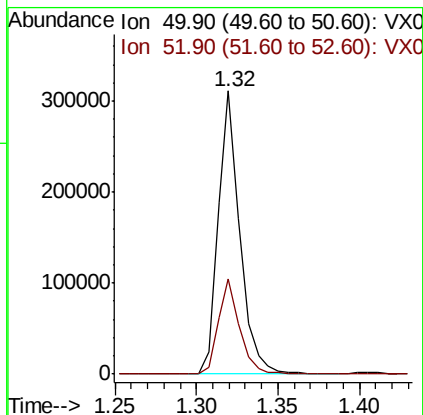
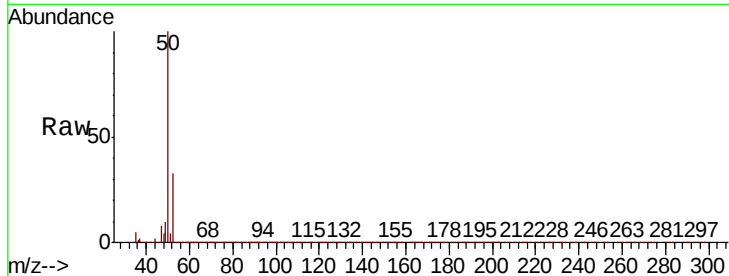
50 100

52 33.4 26.1 39.1

Manual Integrations
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1/13/2020 11:34:01 AM



#4

Vinyl Chloride

Concen: 52.933 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014574.D

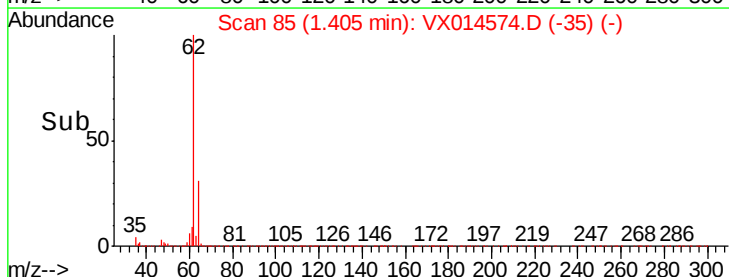
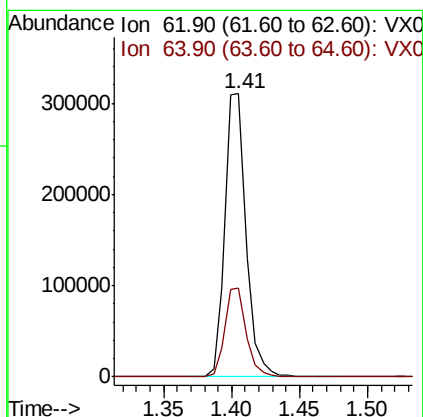
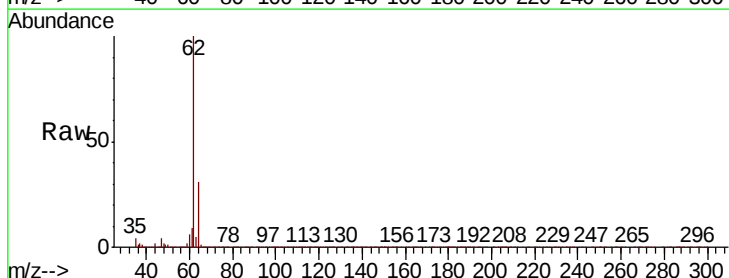
Acq: 11 Jan 2020 06:42

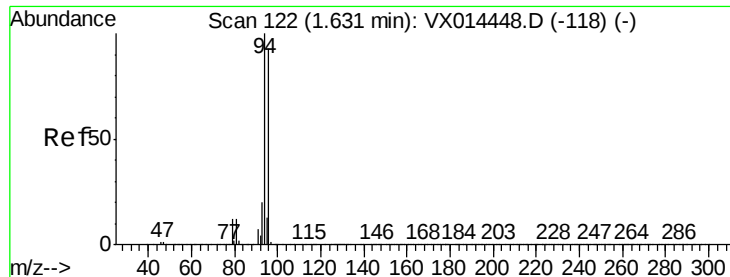
Tgt Ion: 62 Resp: 336684

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 46.240 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 194958

Ion Ratio Lower Upper

94 100

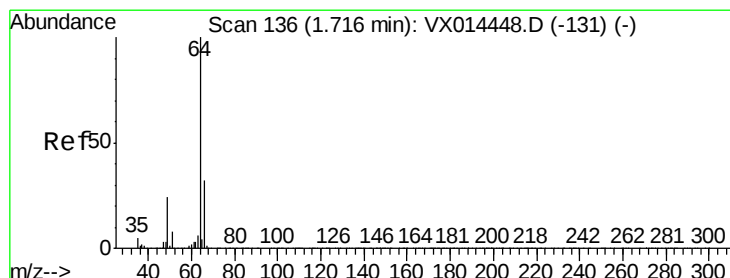
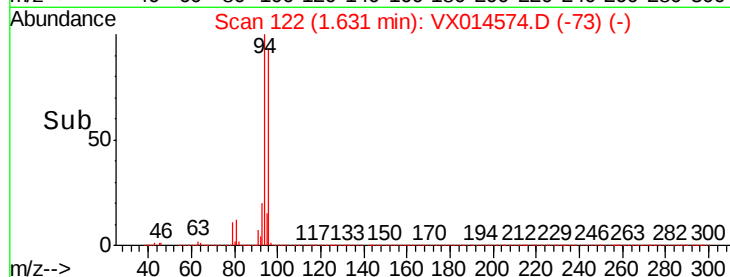
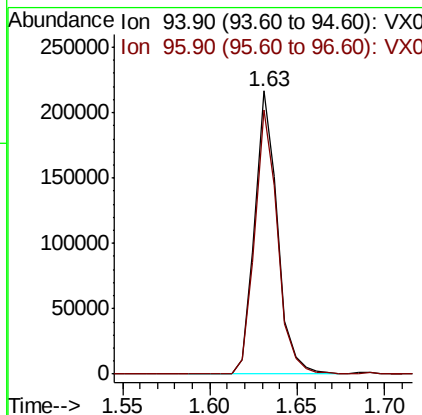
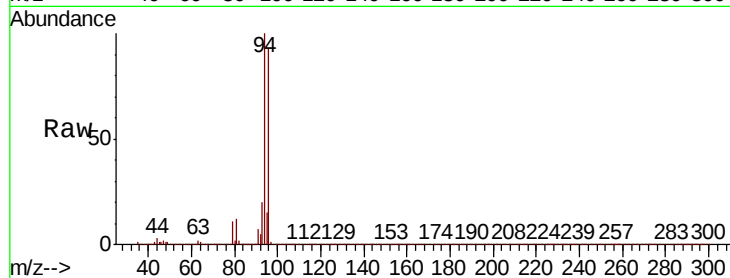
96 93.1 74.2 111.2

Manual Integrations

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1/13/2020 11:34:01 AM



#6

Chloroethane

Concen: 53.254 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014574.D

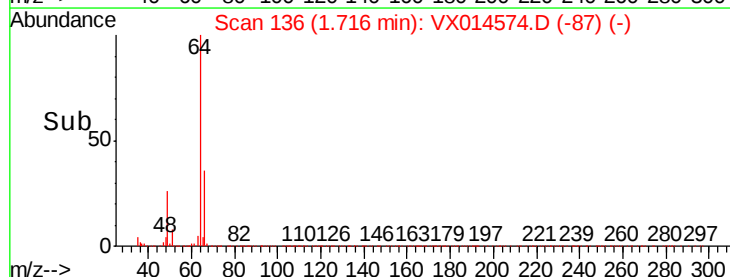
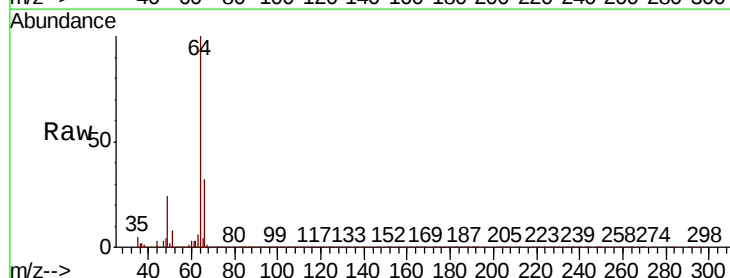
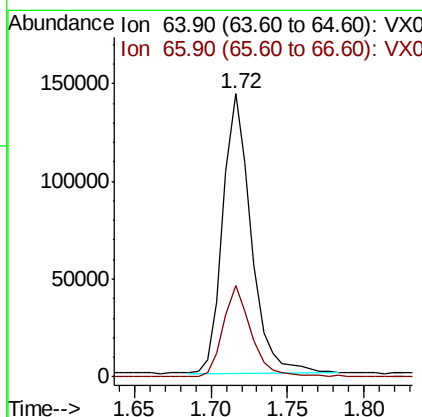
Acq: 11 Jan 2020 06:42

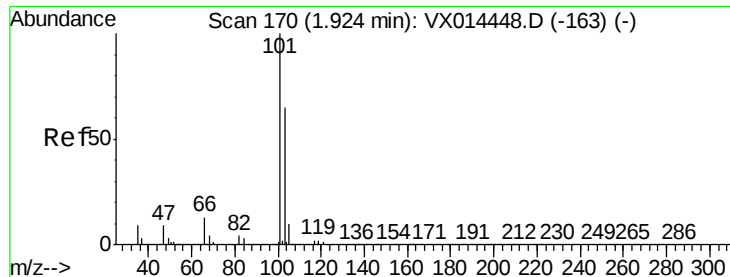
Tgt Ion: 64 Resp: 184289

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9





#7

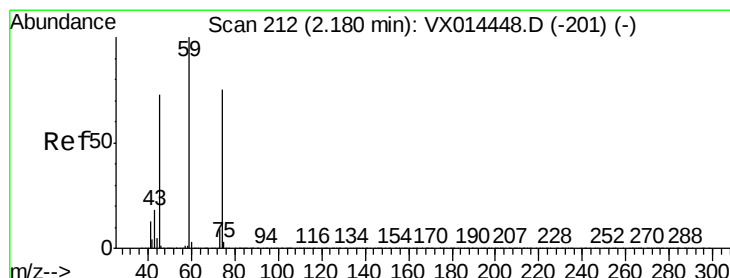
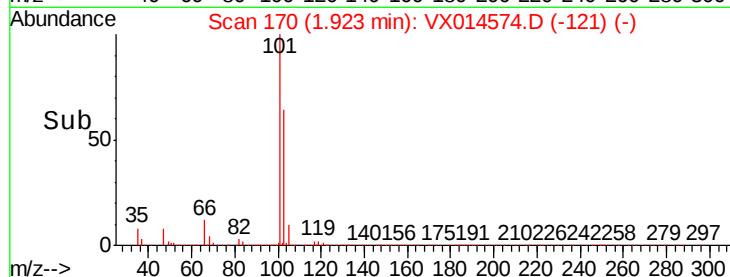
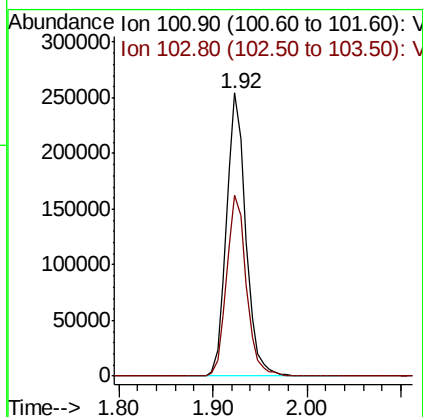
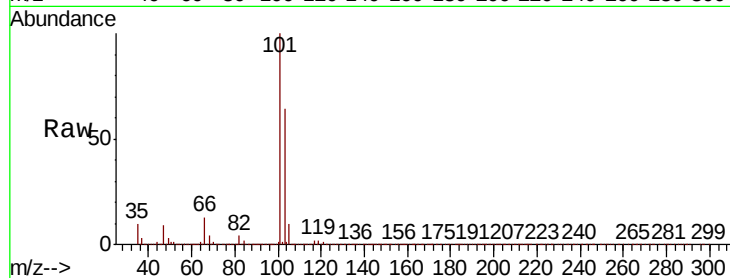
Trichlorofluoromethane
Concen: 50.265 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.2	78.4

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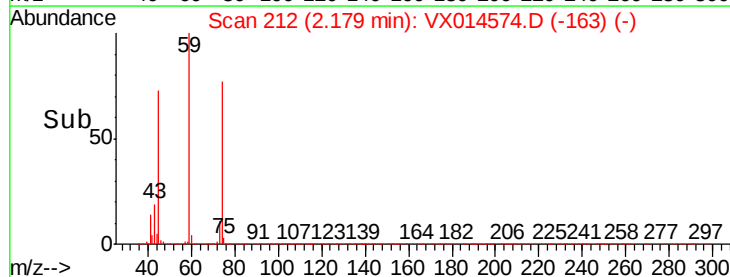
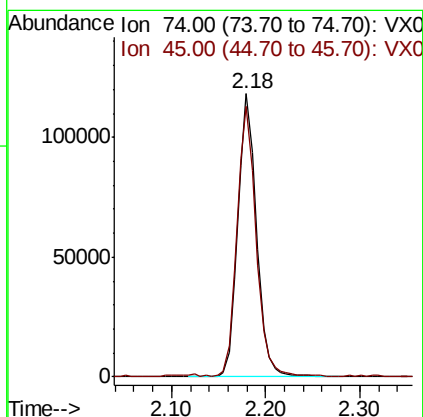
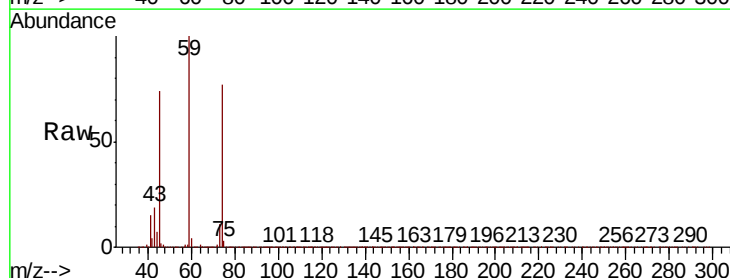
MMDadoda
1/13/2020 11:34:01 AM

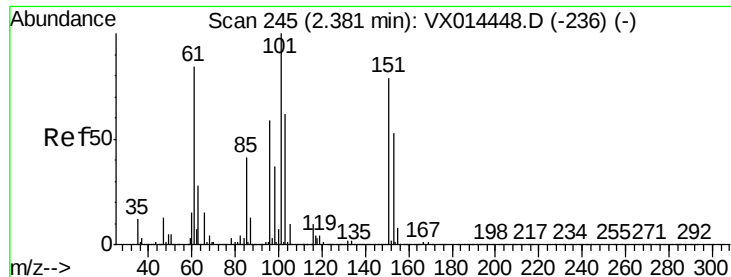


#8

Diethyl Ether
Concen: 49.472 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.711 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

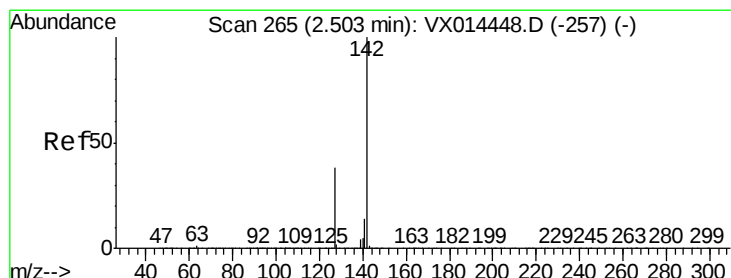
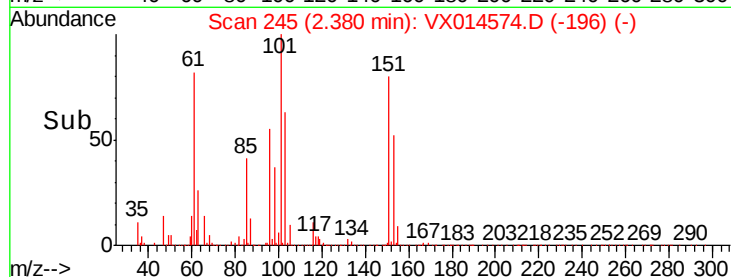
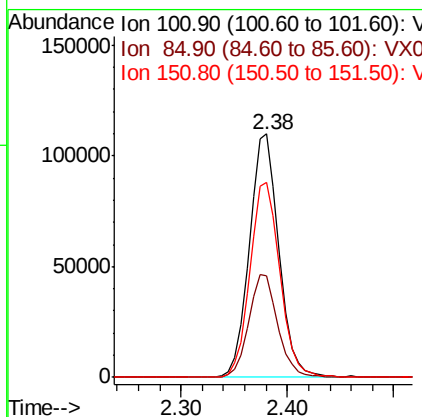
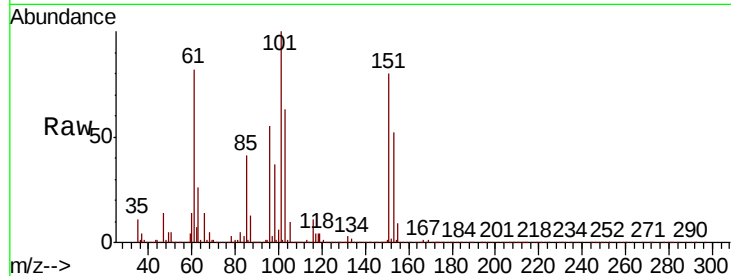
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	213827
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.8	50.8
151	81.6	65.3	97.9

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#10

Methyl Iodide

Concen: 57.325 ug/l

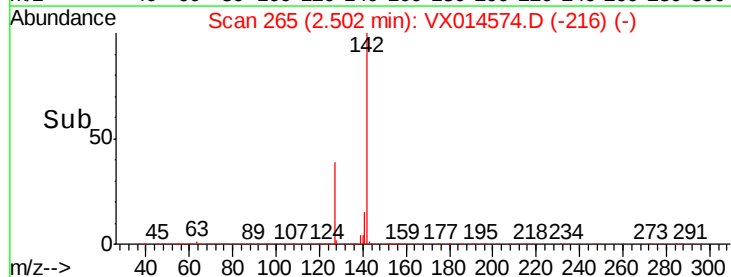
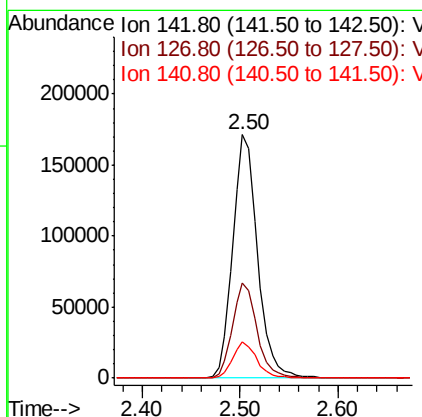
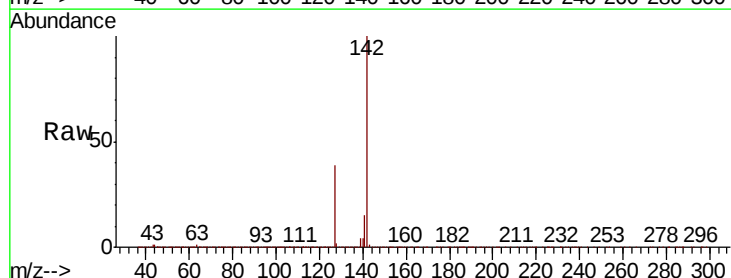
RT: 2.50 min Scan# 265

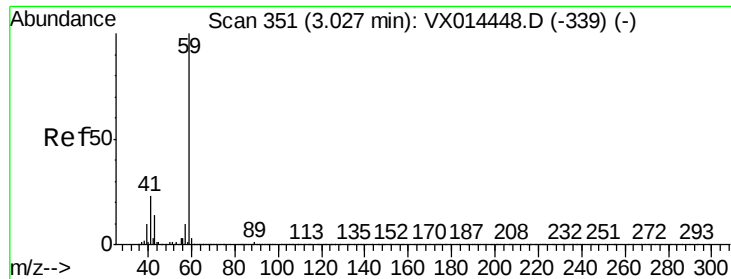
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion:	142	Resp:	301316
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.2	46.8
141	14.7	11.4	17.2





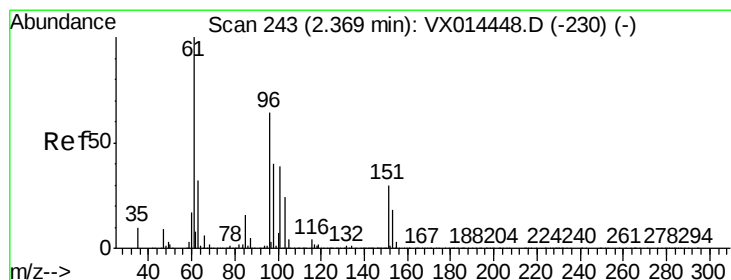
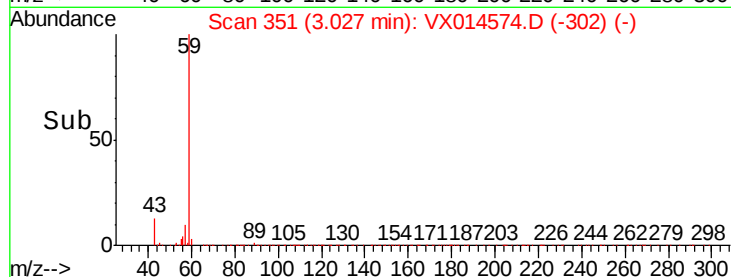
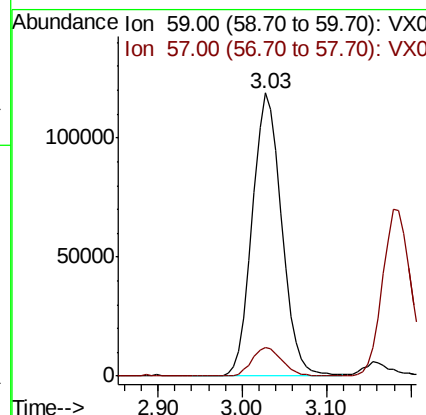
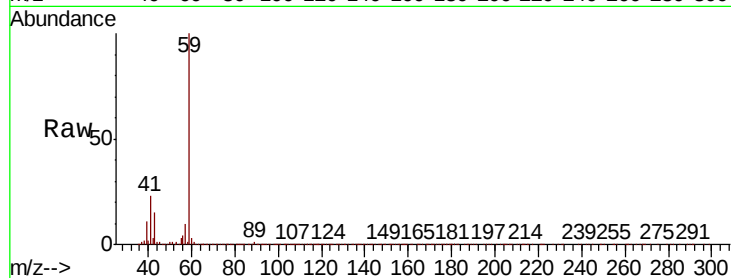
#11
Tert butyl alcohol
Concen: 270.351 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

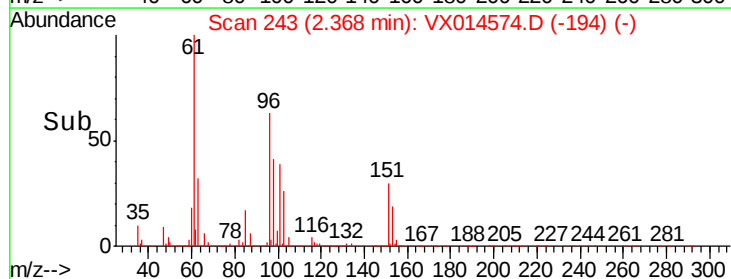
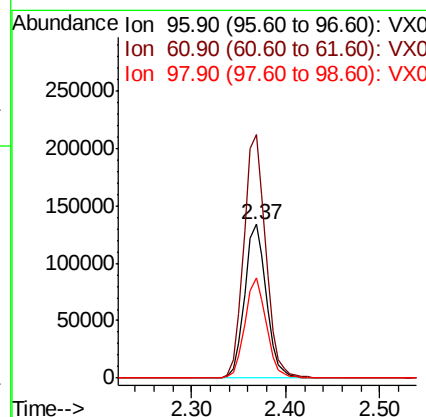
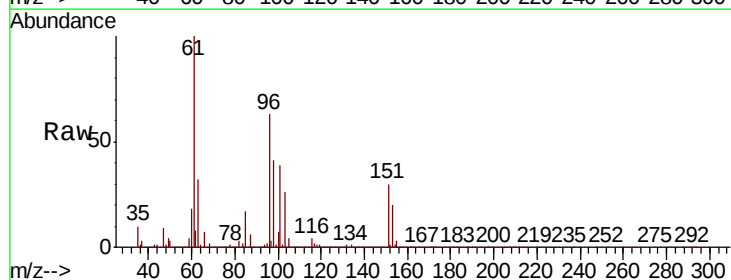
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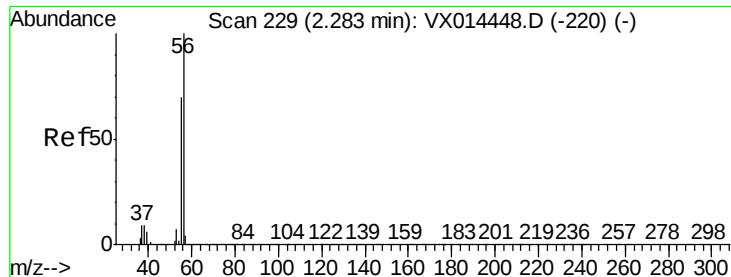
MMDadoda
1/13/2020 11:34:01 AM



#12
1,1-Dichloroethene
Concen: 48.740 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	125.0	187.6
98	65.5	50.2	75.2





#13

Acrolein

Concen: 212.240 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 177563

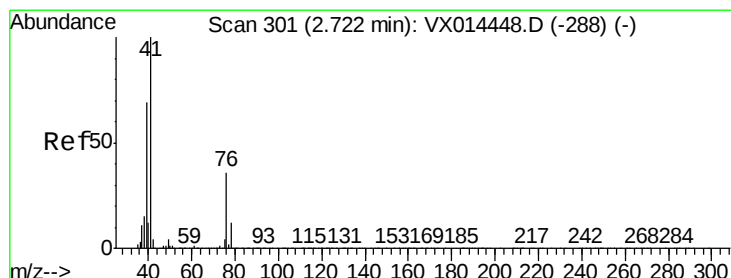
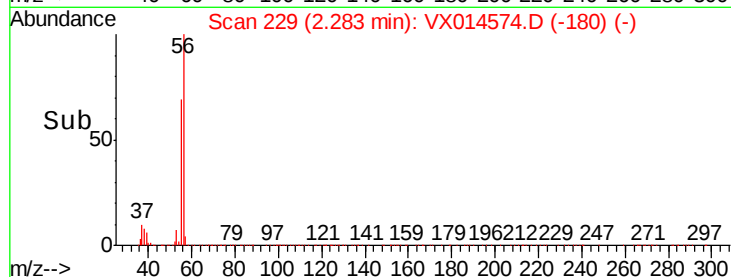
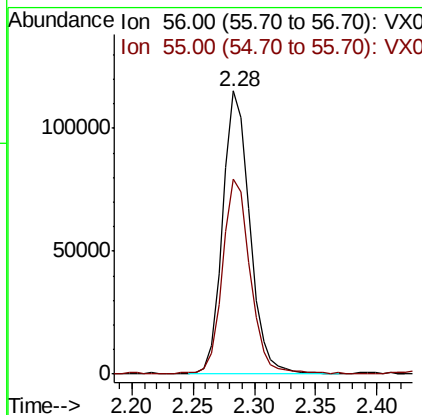
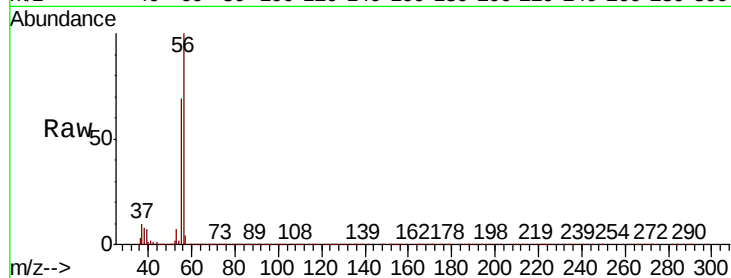
Ion Ratio Lower Upper

56 100

55 69.2 55.0 82.6

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#14

Allyl chloride

Concen: 48.567 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

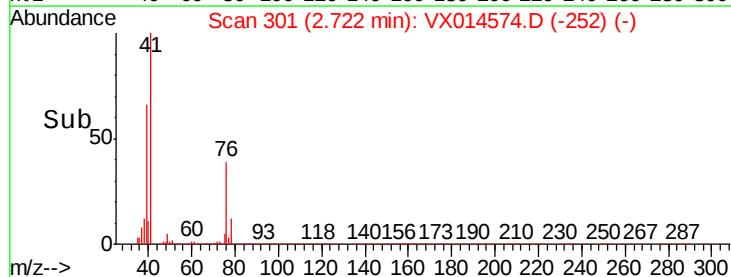
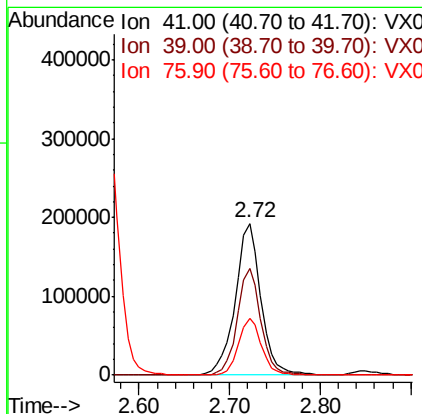
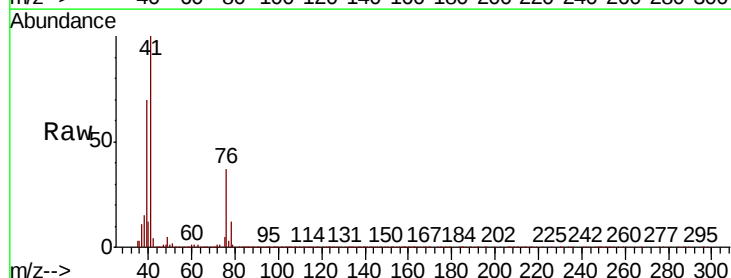
Tgt Ion: 41 Resp: 377117

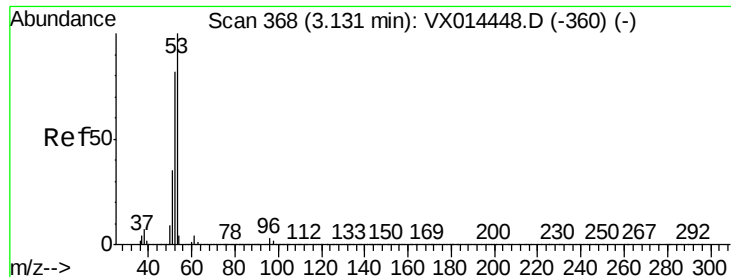
Ion Ratio Lower Upper

41 100

39 64.2 51.7 77.5

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 267.336 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

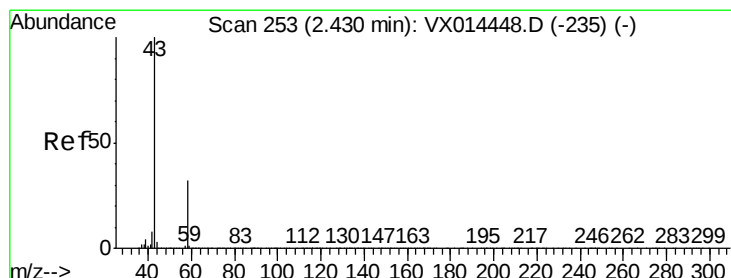
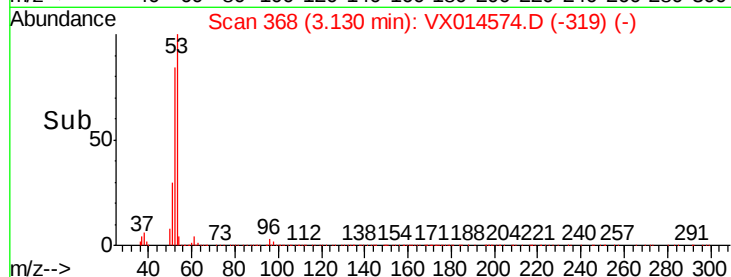
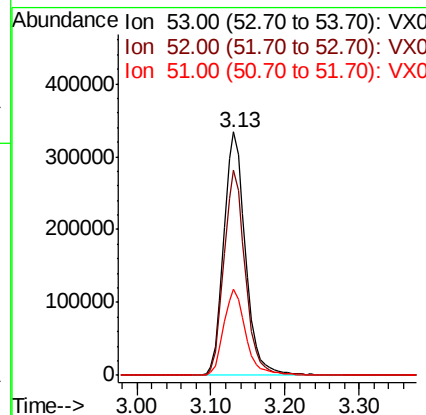
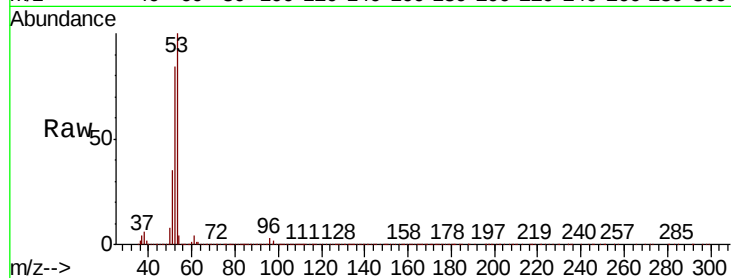
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	673471
Ion Ratio	Lower	Upper	
53	100		
52	82.3	67.0	100.4
51	35.7	28.5	42.7

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#16

Acetone

Concen: 243.498 ug/l

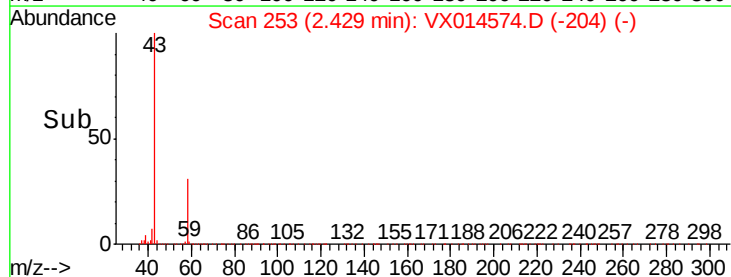
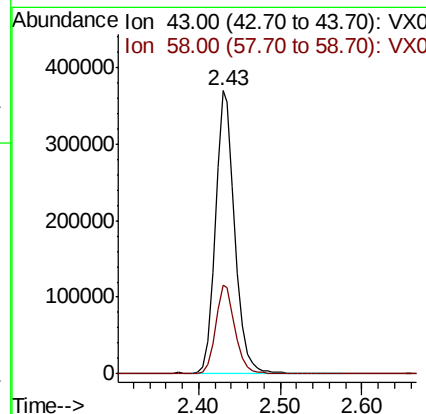
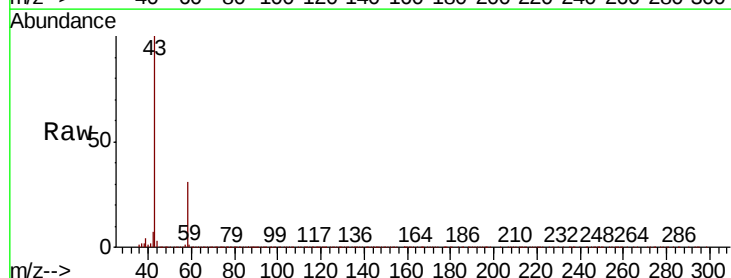
RT: 2.43 min Scan# 253

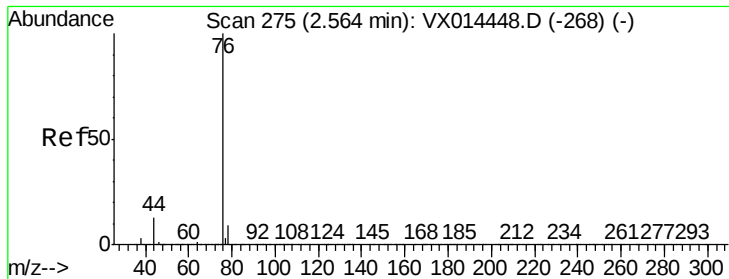
Delta R.T. 0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion:	43	Resp:	610599
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.4	38.0





#17

Carbon Disulfide

Concen: 45.510 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 561614

Ion Ratio Lower Upper

76 100

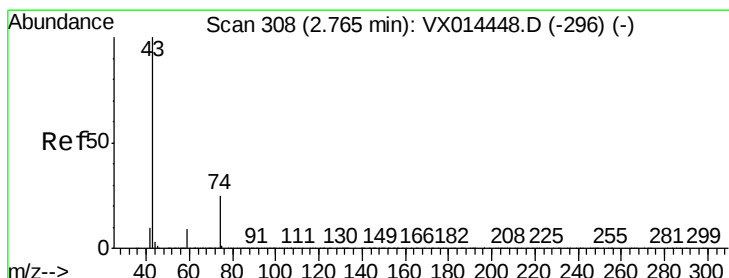
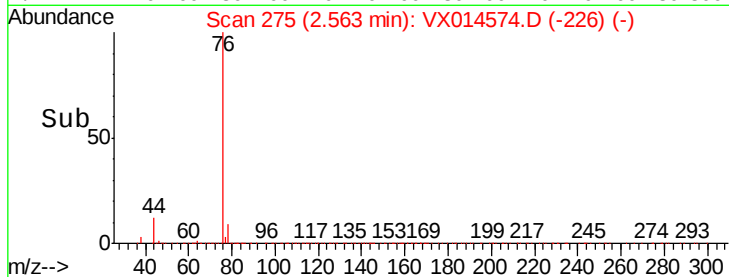
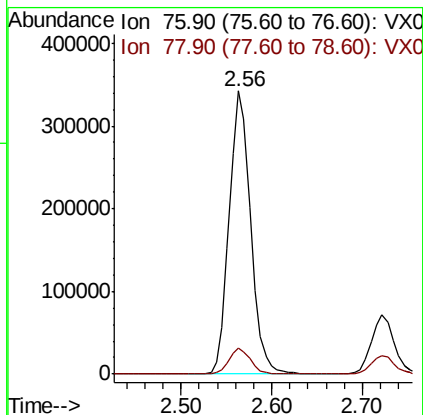
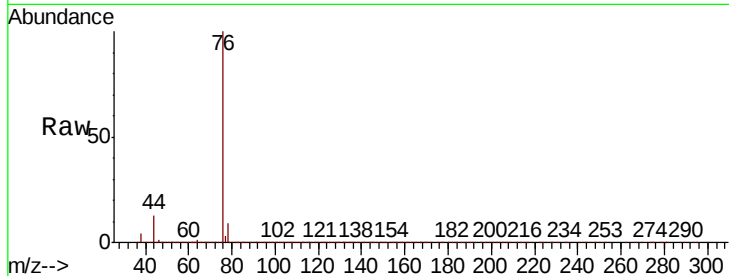
78 9.4 7.4 11.2

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#18

Methyl Acetate

Concen: 56.060 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014574.D

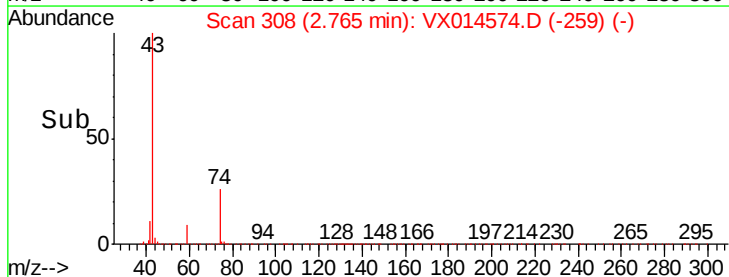
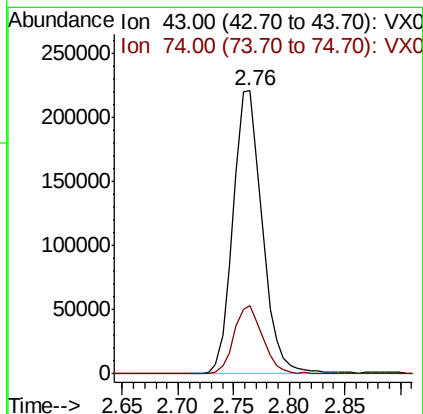
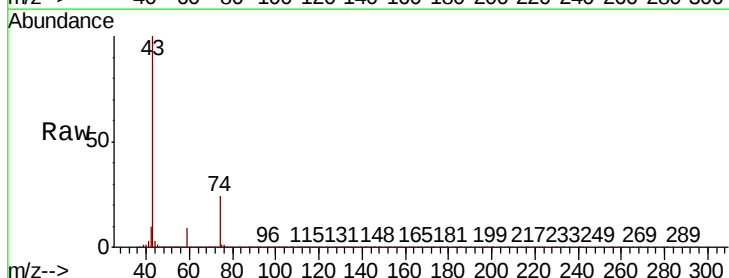
Acq: 11 Jan 2020 06:42

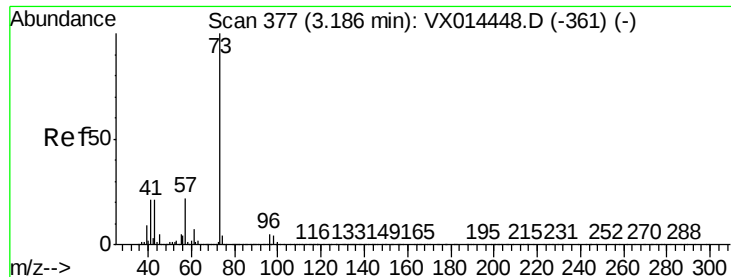
Tgt Ion: 43 Resp: 402786

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.2





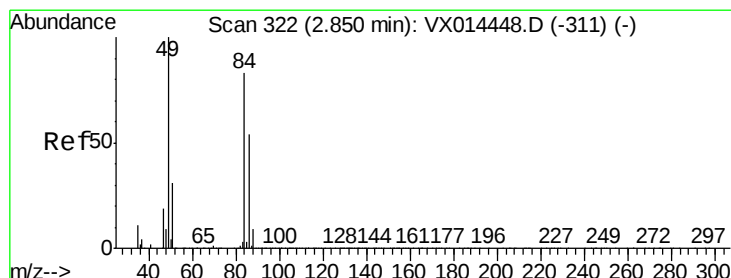
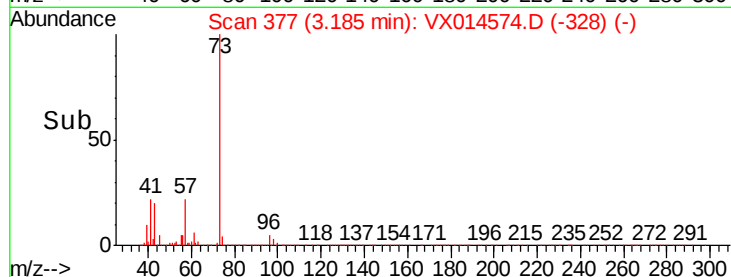
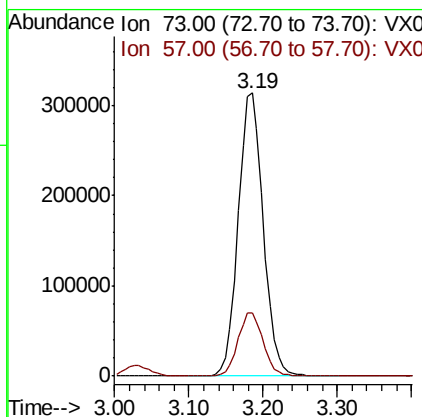
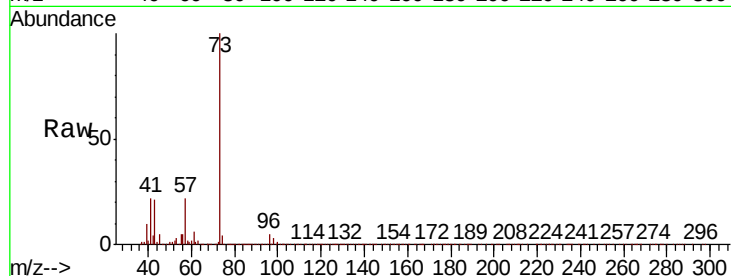
#19
Methvl tert-butvl Ether
Concen: 51.996 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.8

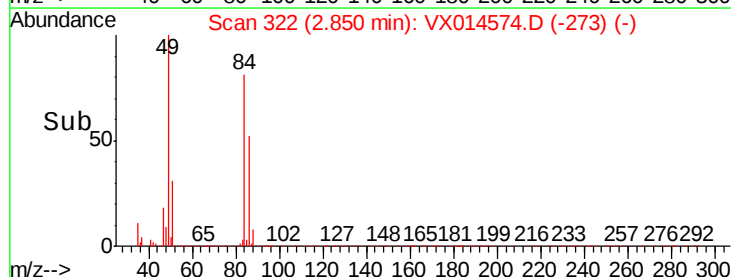
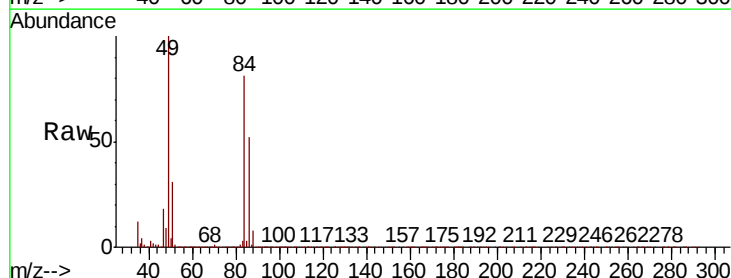
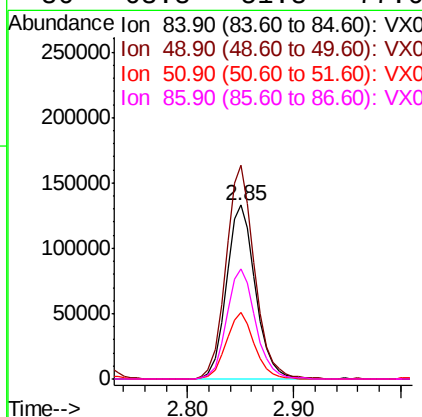
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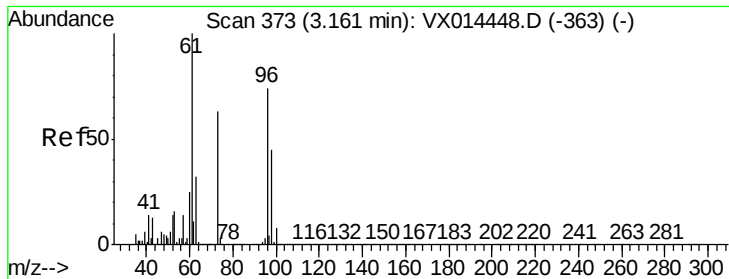
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#20
Methylene Chloride
Concen: 50.157 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	95.8	143.8
51	37.9	30.2	45.4
86	63.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 48.538 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

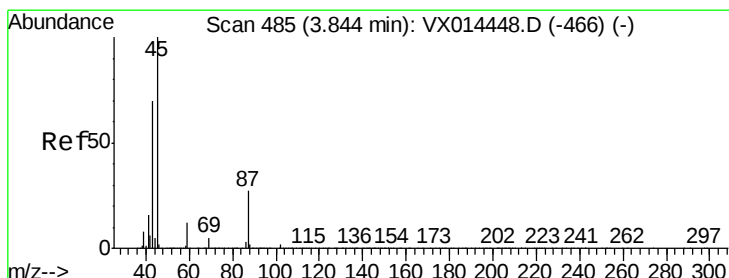
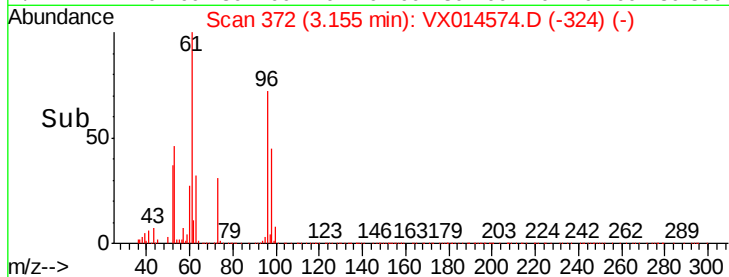
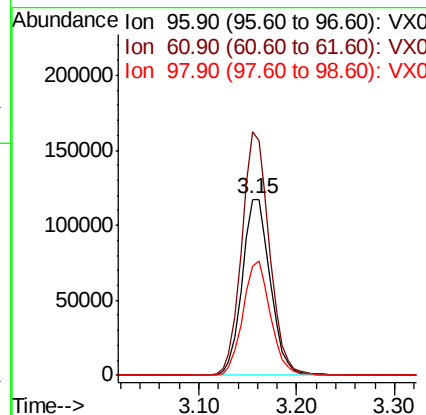
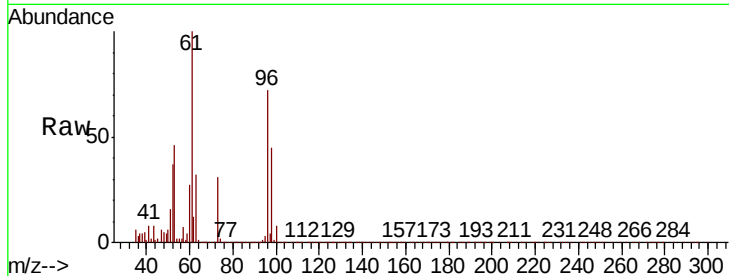
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	234359
Ion	Ratio	Lower	Upper
96	100		
61	138.2	108.2	162.4
98	62.2	48.8	73.2

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#22

Diisopropyl ether

Concen: 52.861 ug/l

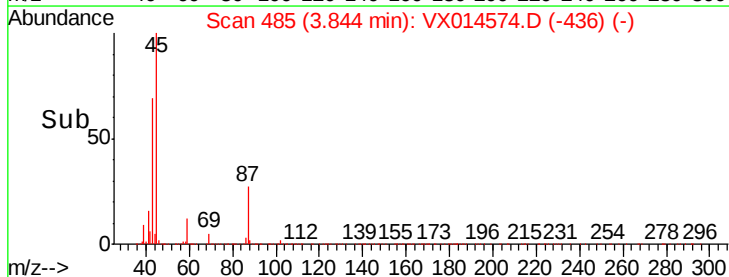
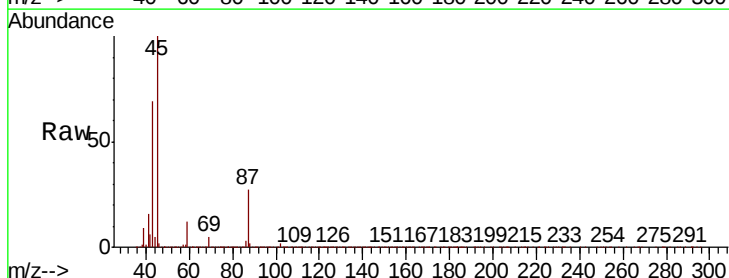
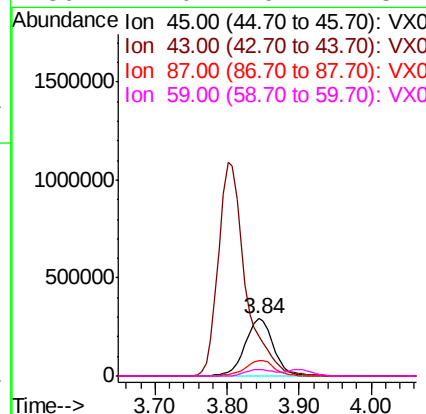
RT: 3.84 min Scan# 485

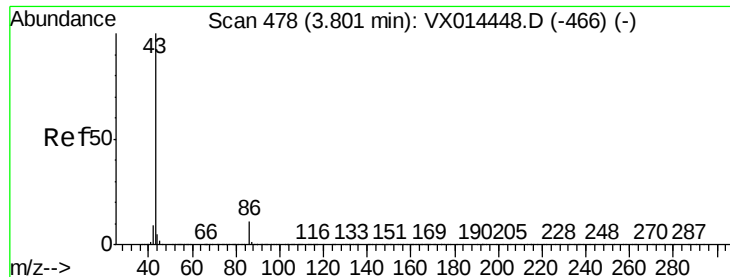
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion:	45	Resp:	793223
Ion	Ratio	Lower	Upper
45	100		
43	68.9	55.8	83.6
87	26.9	21.8	32.8
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 247.475 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2875107

Ion Ratio Lower Upper

43 100

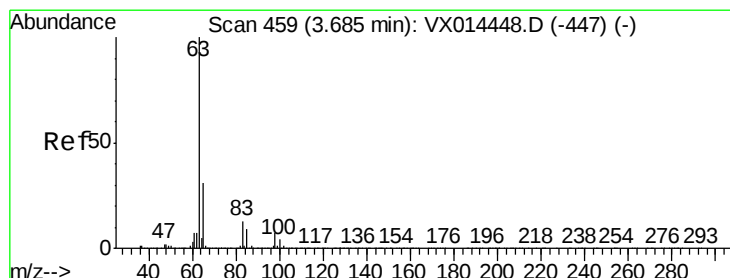
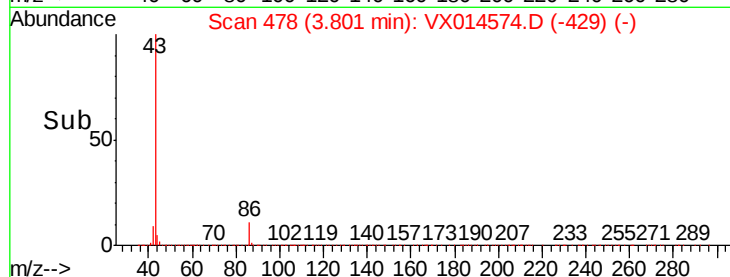
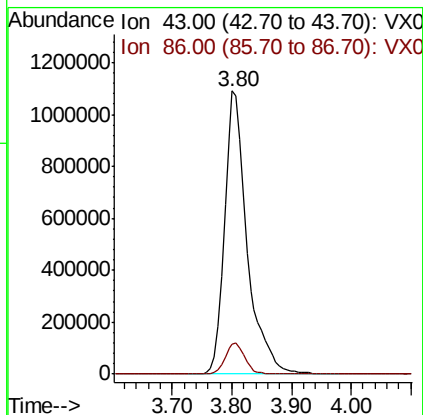
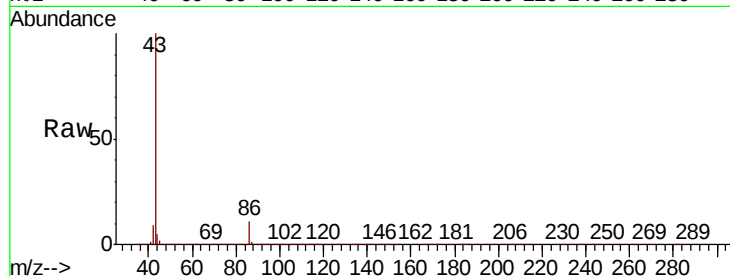
86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 52.042 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

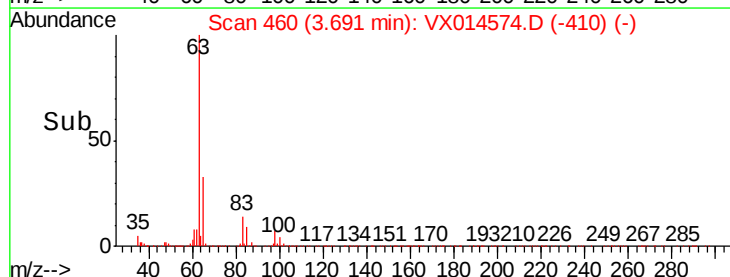
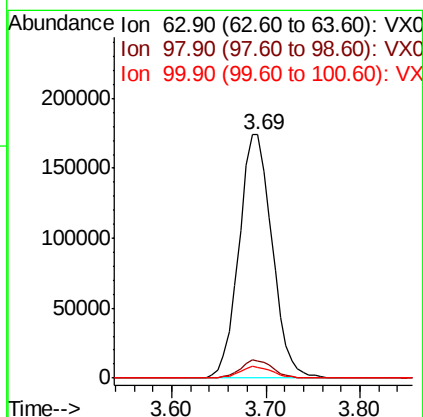
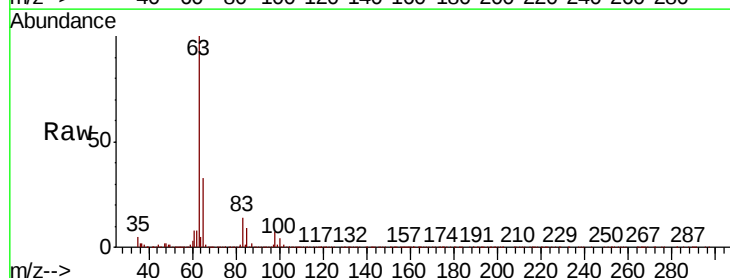
Tgt Ion: 63 Resp: 424824

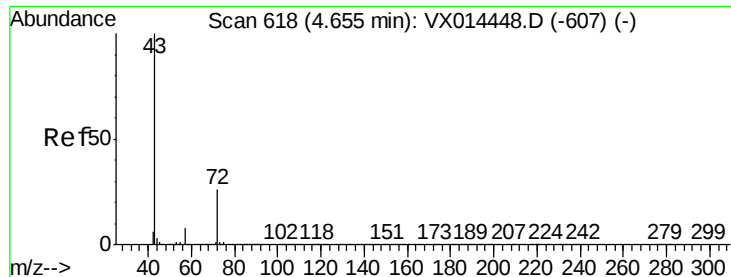
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 253.289 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 945809

Ion Ratio Lower Upper

43 100

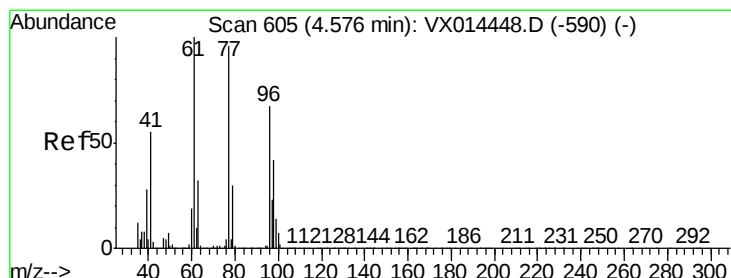
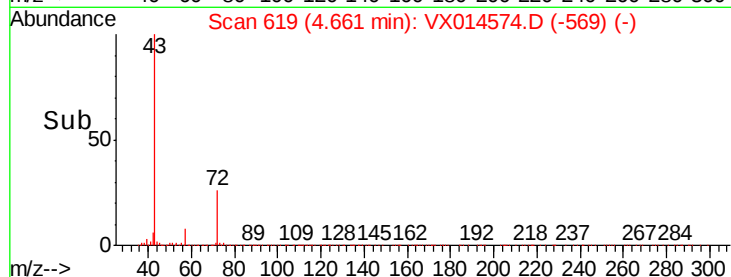
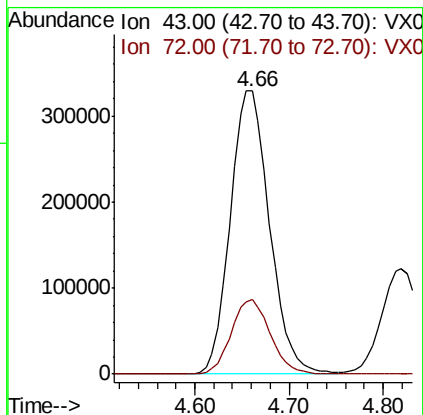
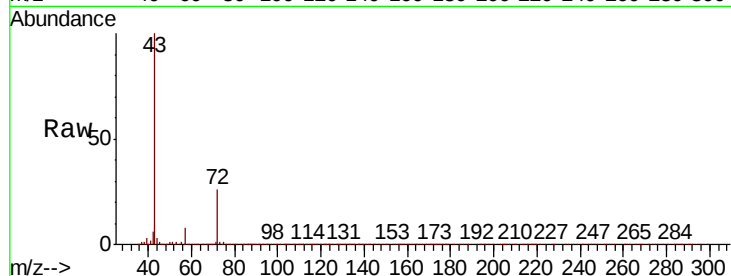
72 26.1 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 33.935 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014574.D

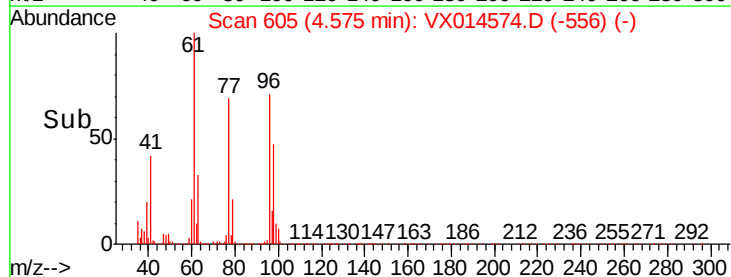
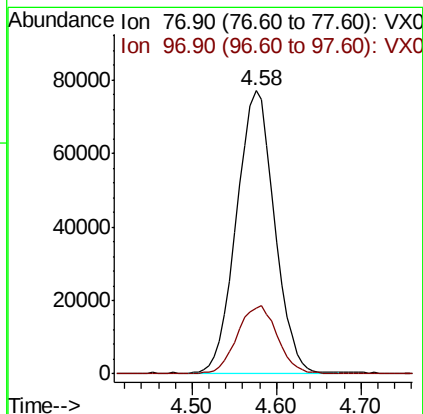
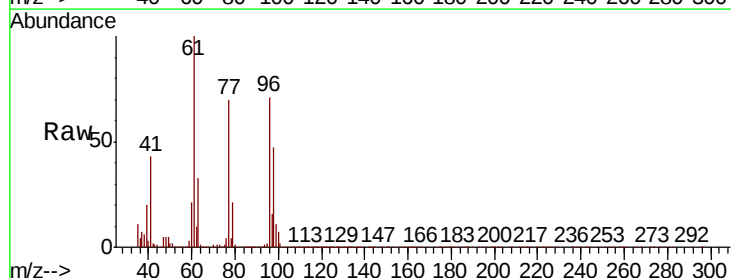
Acq: 11 Jan 2020 06:42

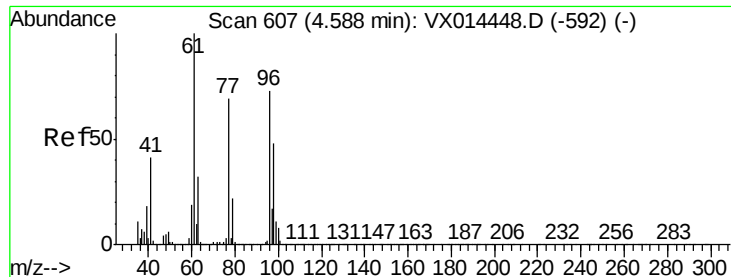
Tgt Ion: 77 Resp: 234660

Ion Ratio Lower Upper

77 100

97 25.7 11.7 35.1





#27

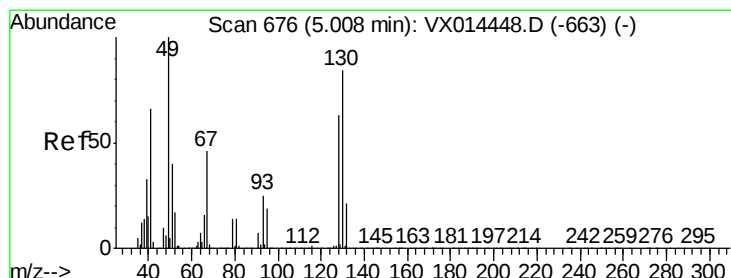
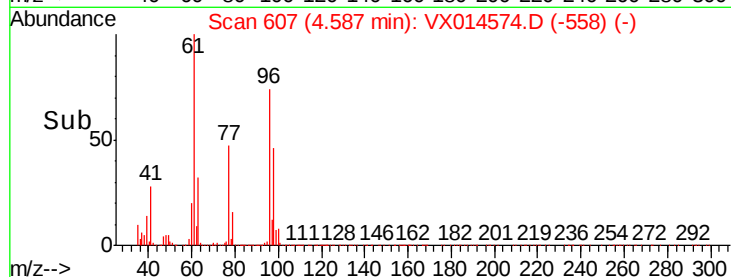
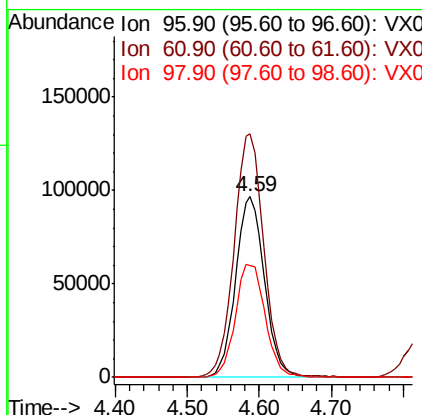
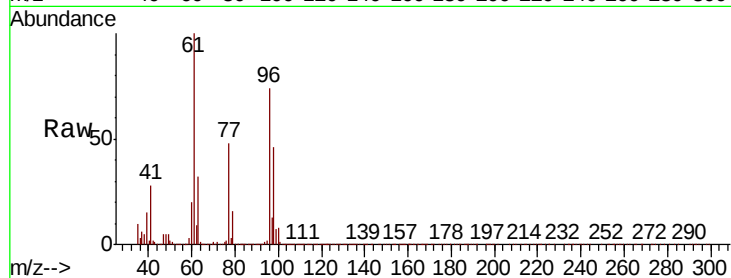
cis-1,2-Dichloroethene
Concen: 49.637 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	285.4
98	64.5	0.0	130.6

Manual Integrations
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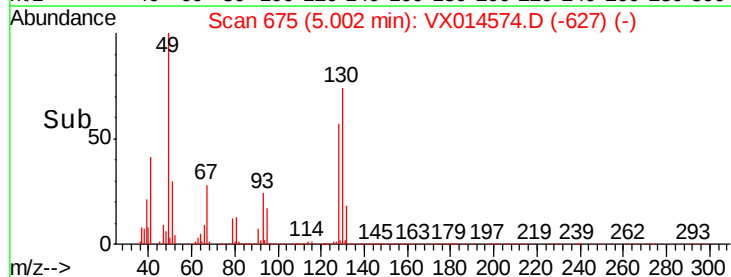
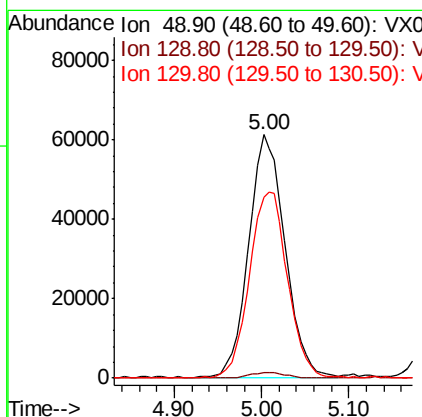
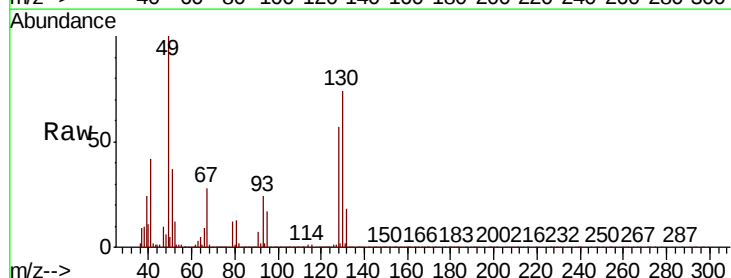
MMDadoda
1/13/2020 11:34:01 AM

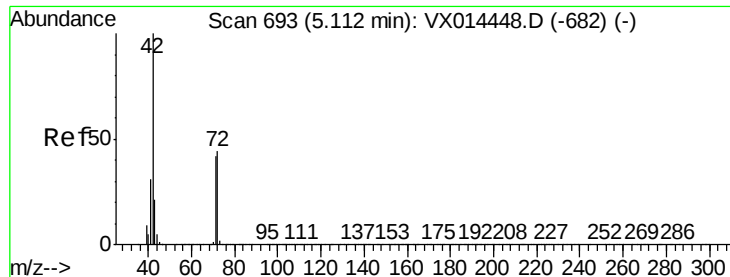


#28

Bromochloromethane
Concen: 51.827 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	79.9	67.0	100.4





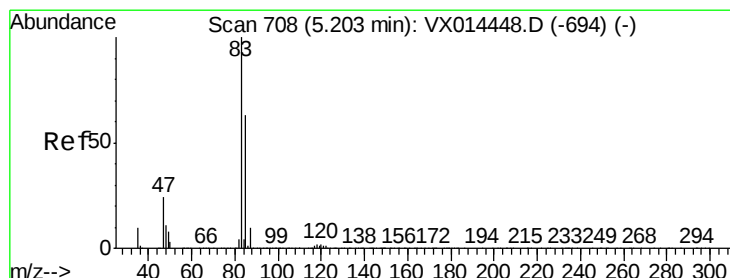
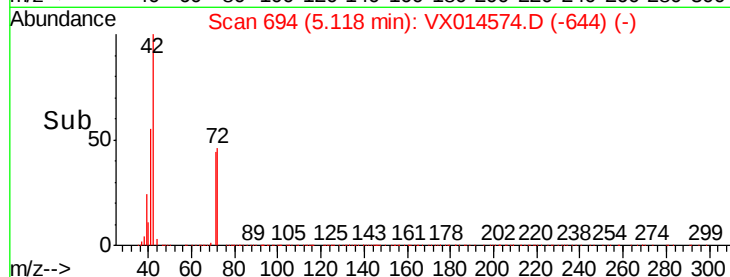
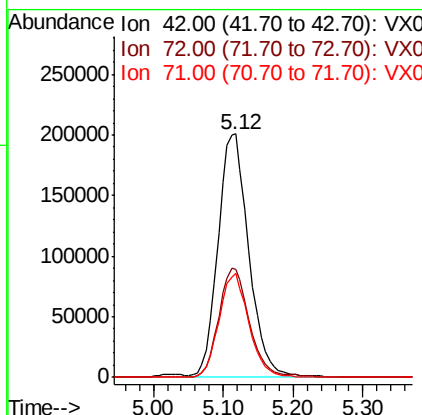
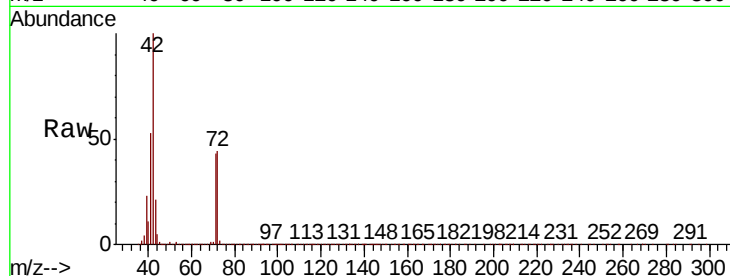
#29
Tetrahydrofuran
Concen: 274.440 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.2	54.4
71	41.8	34.1	51.1

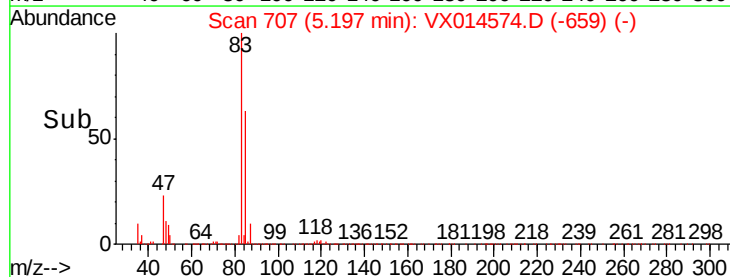
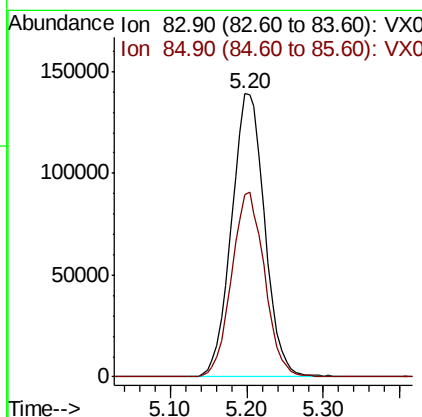
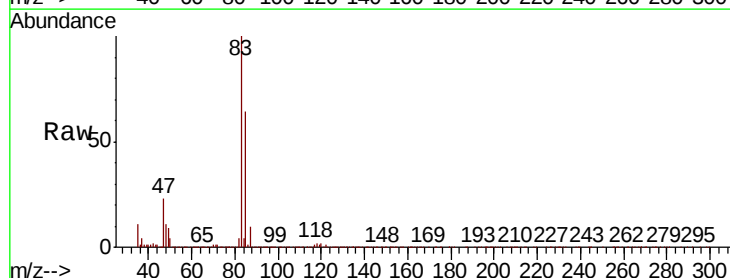
Manual Integrations
APPROVED

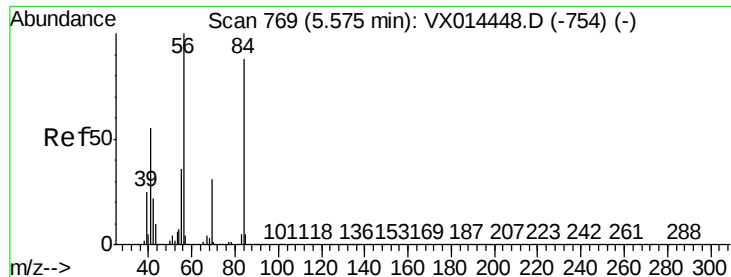
MMDadoda
1/13/2020 11:34:01 AM



#30
Chloroform
Concen: 52.033 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	75.8





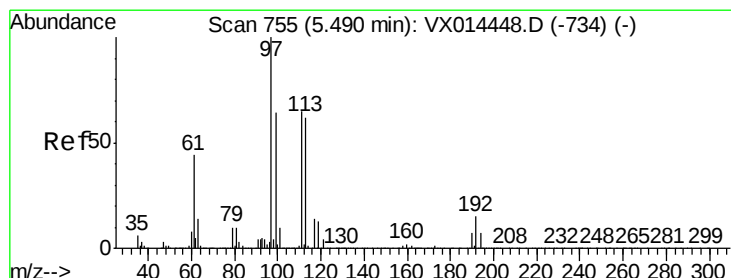
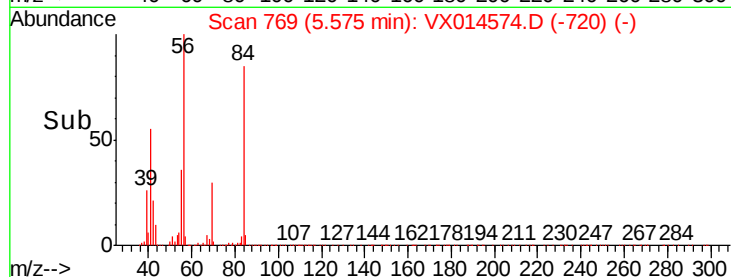
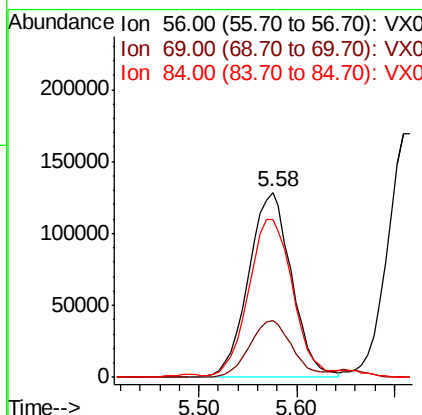
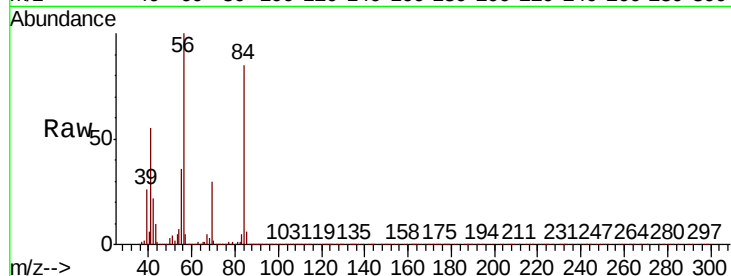
#31
Cyclohexane
Concen: 51.324 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.4	36.6
84	83.7	70.6	106.0

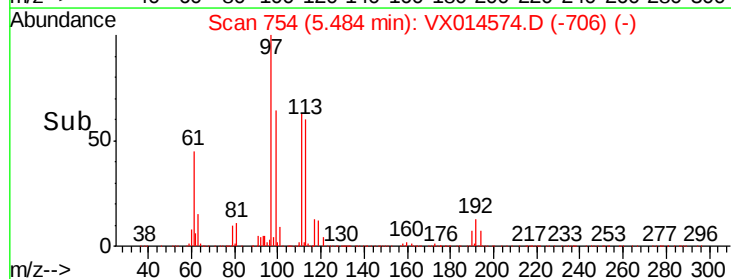
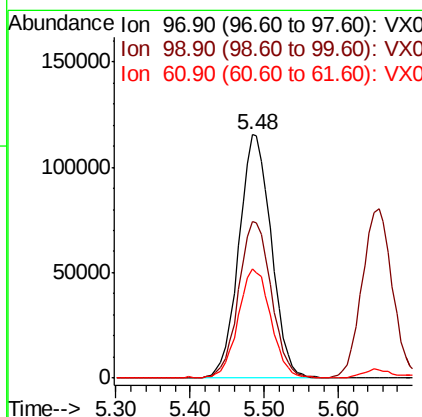
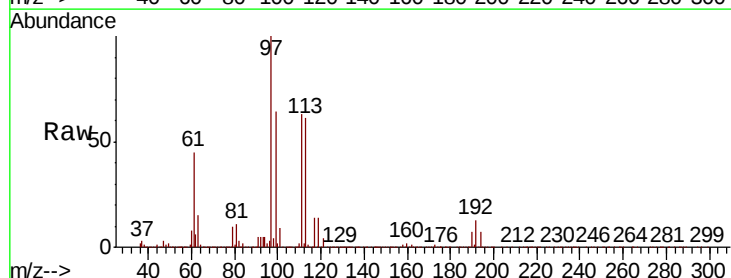
Manual Integrations
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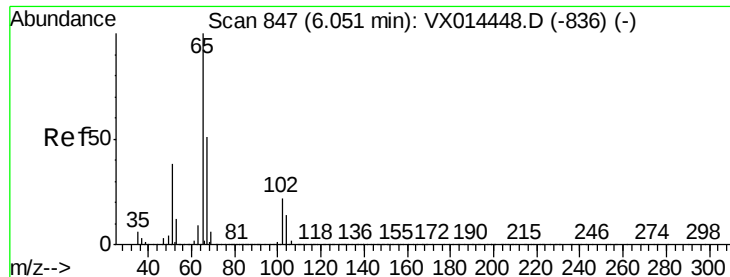
MMDadoda
1/13/2020 11:34:01 AM



#32
1,1,1-Trichloroethane
Concen: 51.586 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.6
61	44.8	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 50.746 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 253680

Ion Ratio Lower Upper

65 100

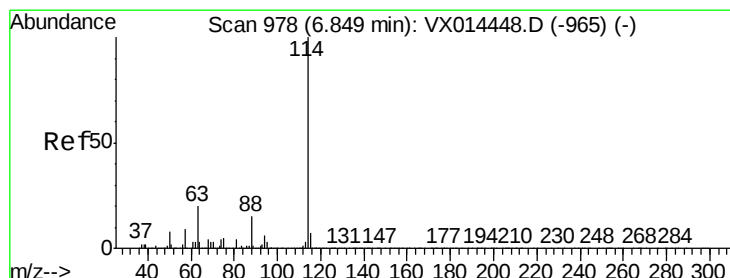
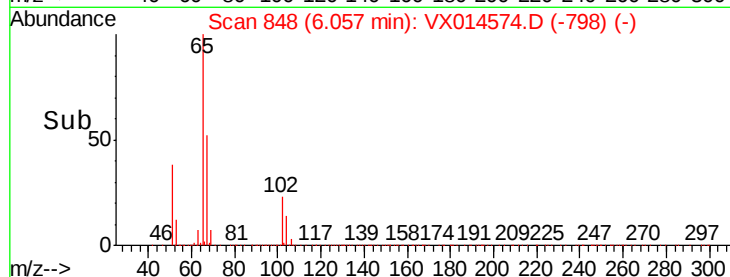
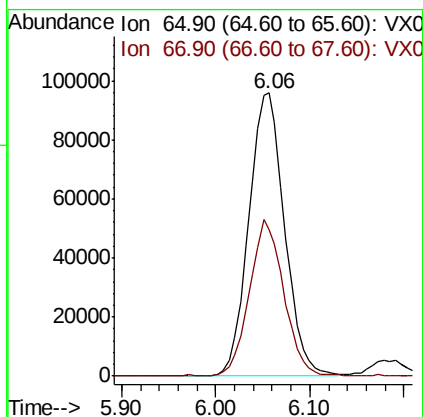
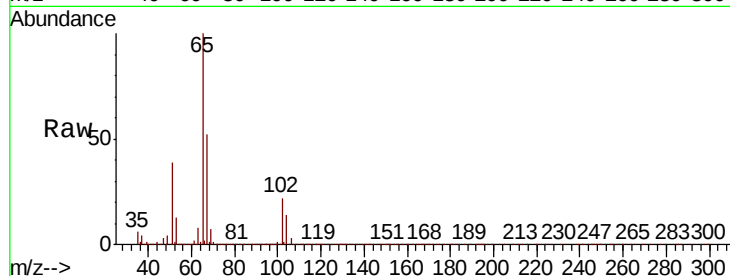
67 53.0 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

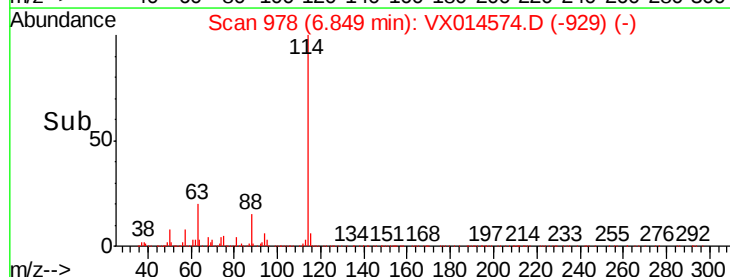
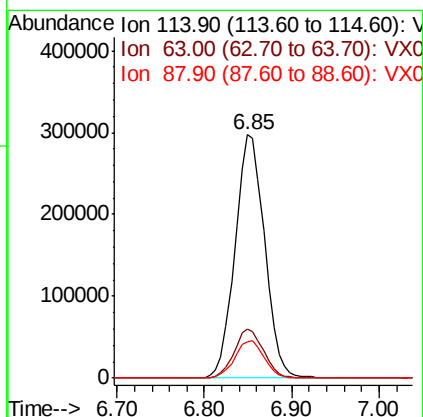
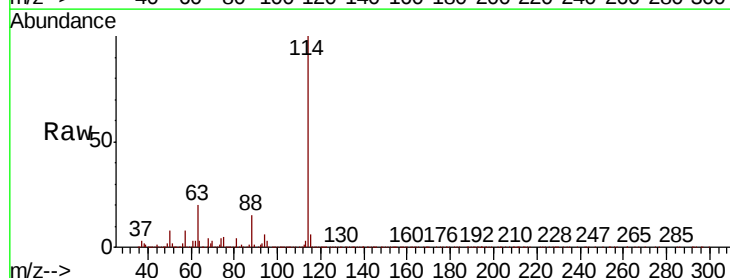
Tgt Ion: 114 Resp: 699716

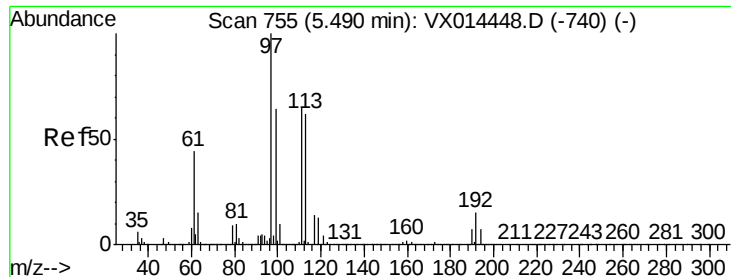
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.0 0.0 30.8





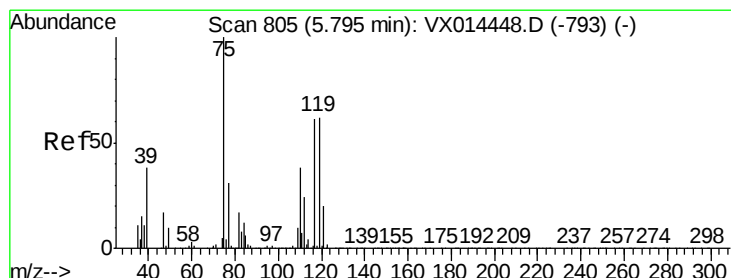
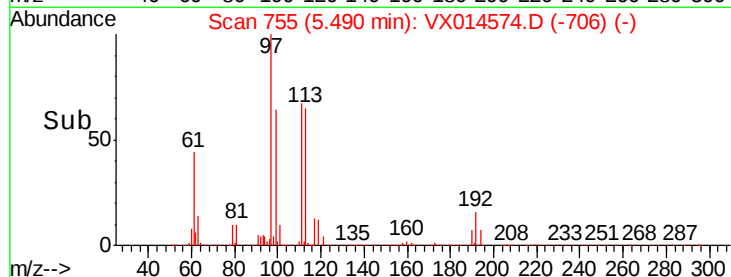
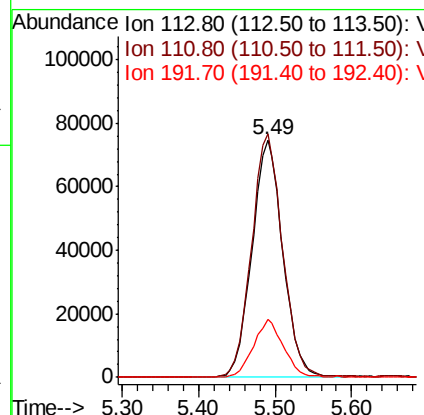
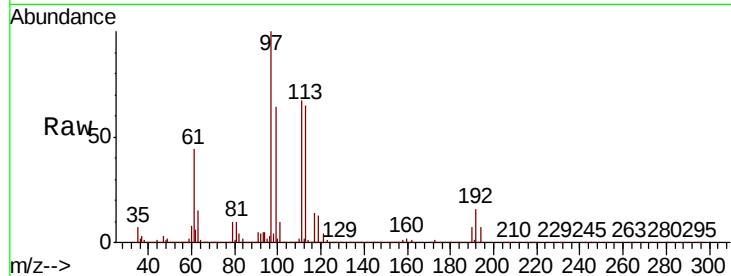
#35
Dibromofluoromethane
Concen: 49.306 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	23.9	19.2	28.8

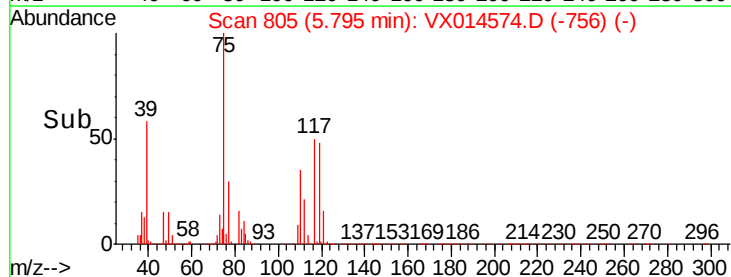
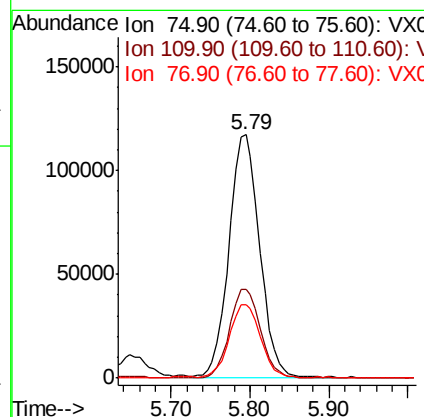
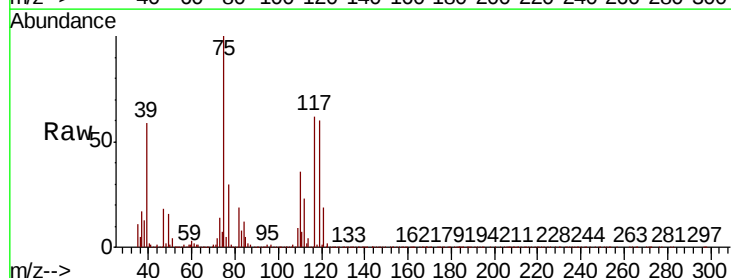
Manual Integrations
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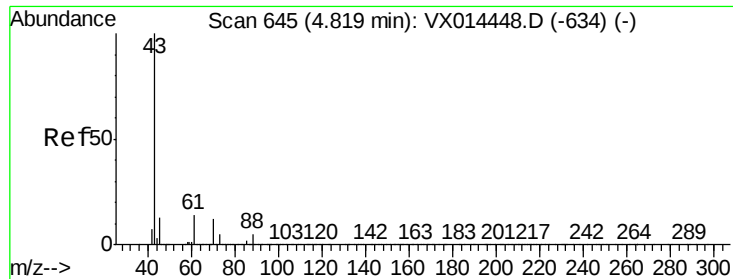
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#36
1,1-Dichloropropene
Concen: 47.974 ug/l
RT: 5.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.6	55.8
77	30.7	24.5	36.7





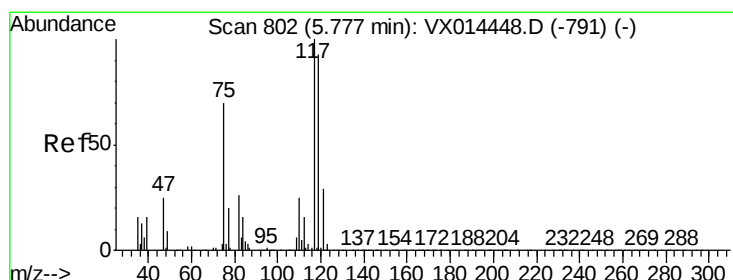
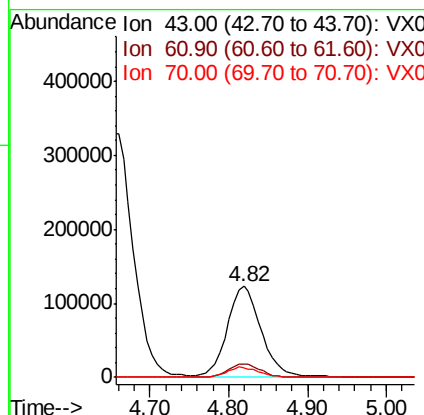
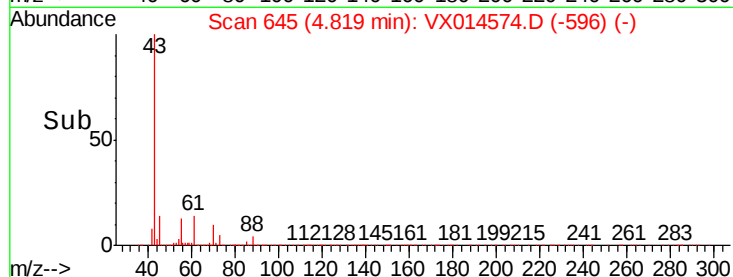
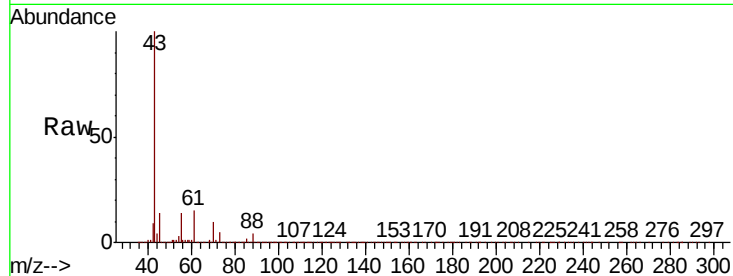
#37
Ethyl Acetate
Concen: 50.712 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	43	Resp	362462
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.1	16.7
70	10.3	8.9	13.3

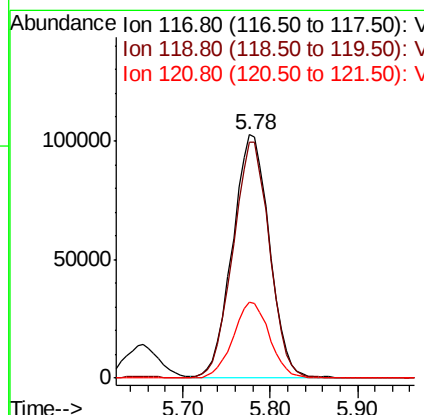
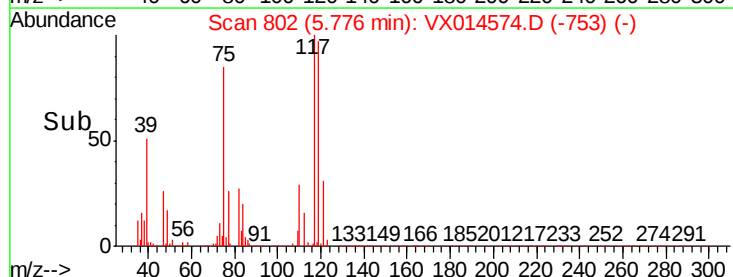
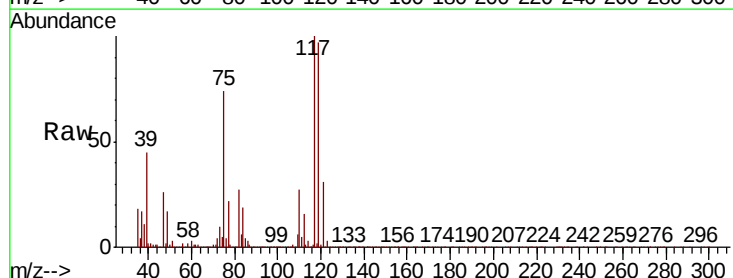
Manual Integrations
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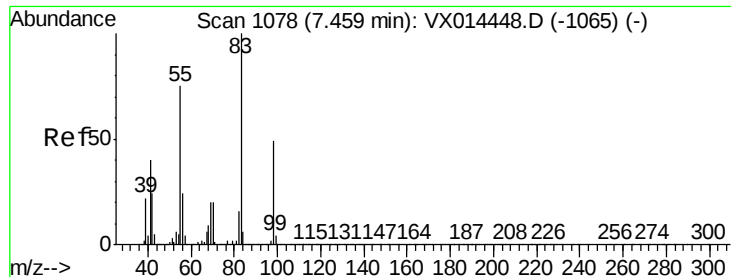
MMDadoda
1/13/2020 11:34:01 AM



#38
Carbon Tetrachloride
Concen: 49.450 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	117	Resp	299432
Ion Ratio	Lower	Upper	
117	100		
119	97.1	73.8	110.8
121	31.0	23.4	35.0





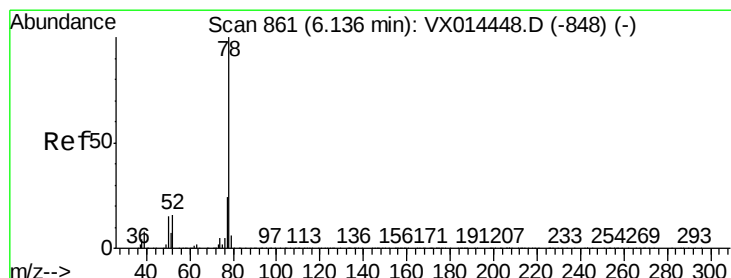
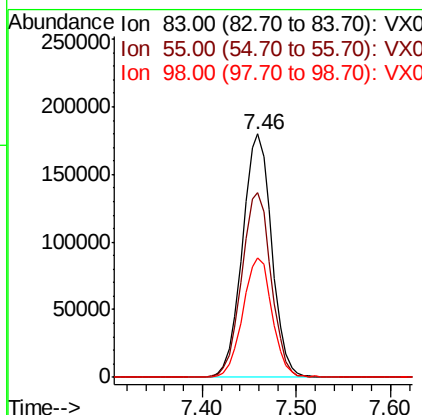
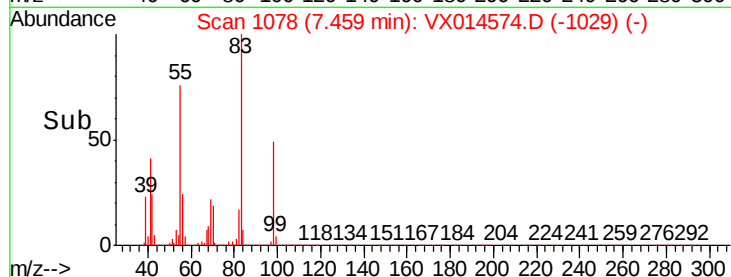
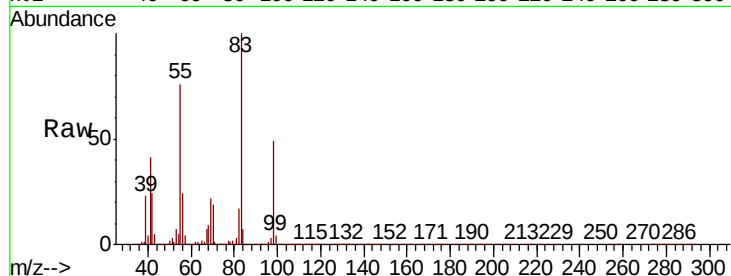
#39
Methylvlcvclohexane
Concen: 47.249 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.7	89.5
98	48.9	39.1	58.7

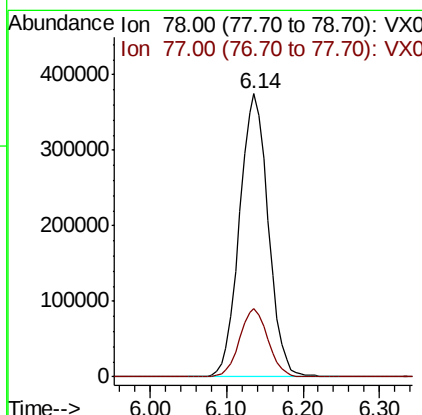
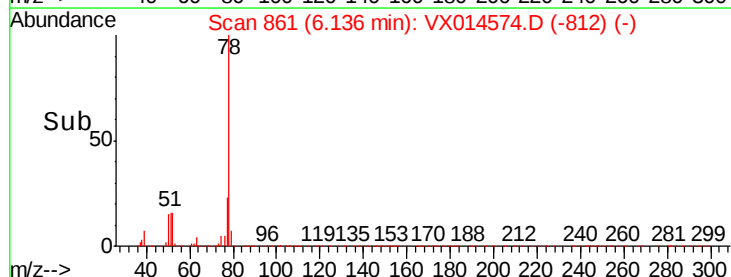
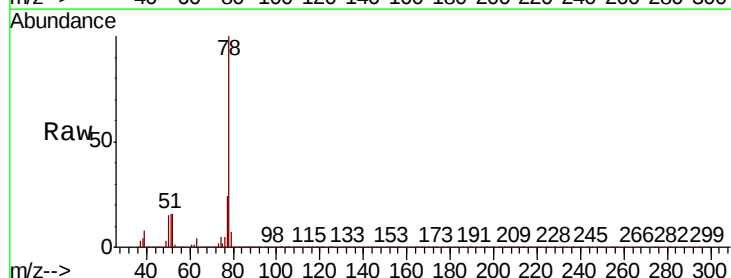
Manual Integrations
APPROVED

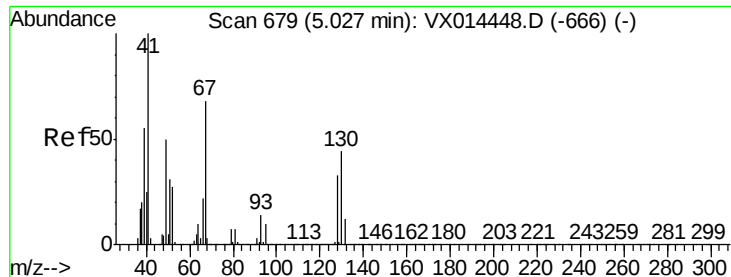
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#40
Benzene
Concen: 50.049 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





#41

Methacrylonitrile

Concen: 52.855 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

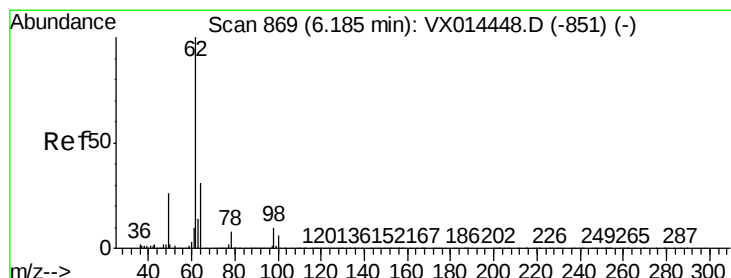
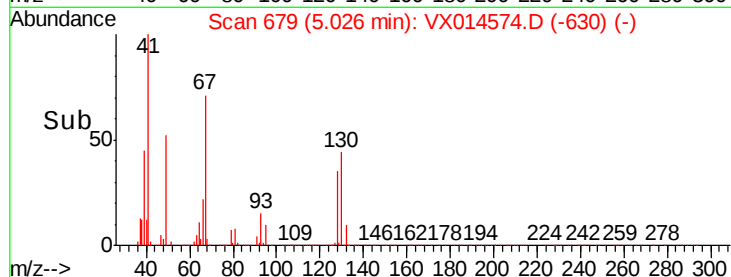
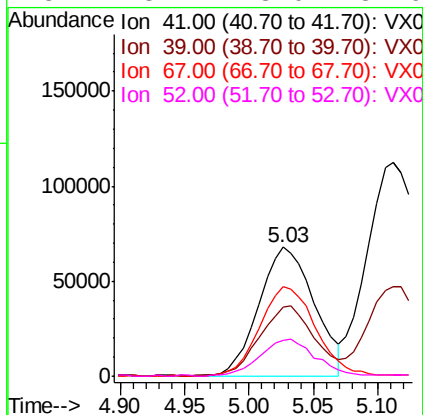
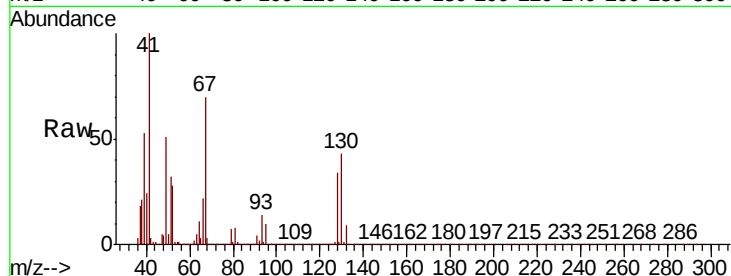
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	43.6	65.4	
67	71.2	57.9	86.9	
52	28.4	23.0	34.6	

Manual Integrations
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1/13/2020 11:34:01 AM



#42

1,2-Dichloroethane

Concen: 49.631 ug/l

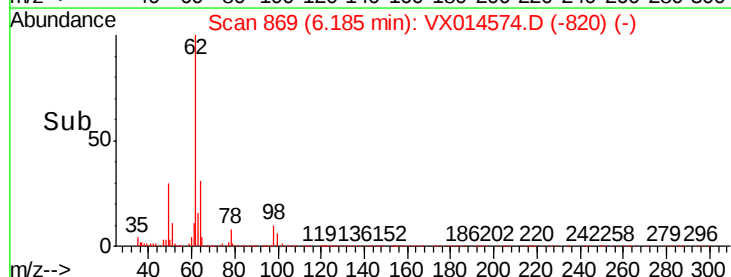
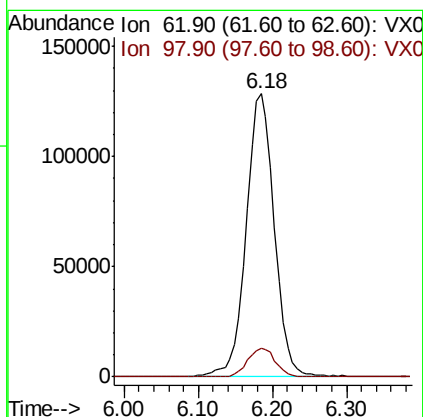
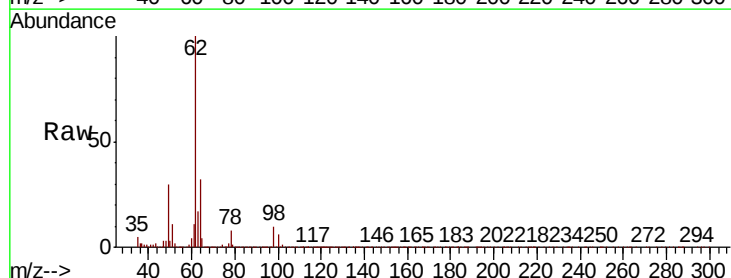
RT: 6.18 min Scan# 869

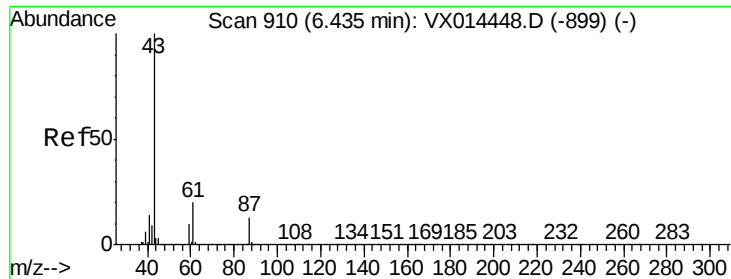
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.4	





#43

Isopropyl Acetate

Concen: 51.486 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

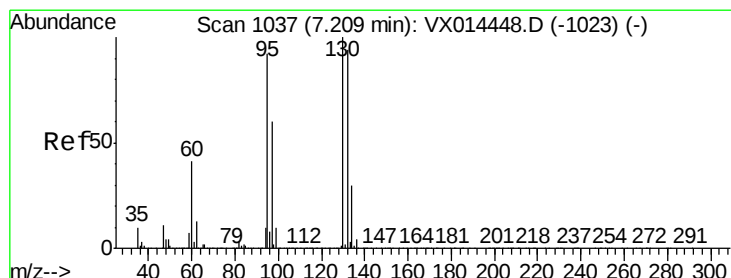
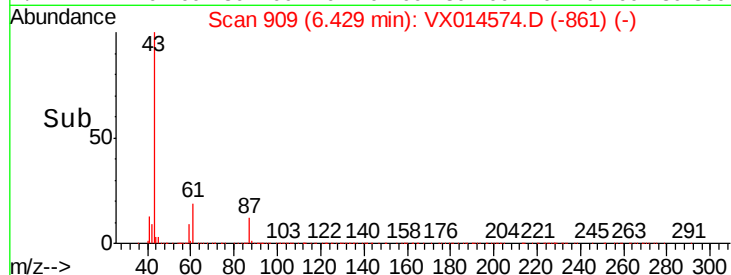
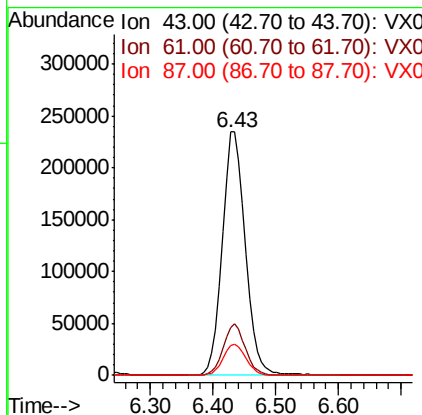
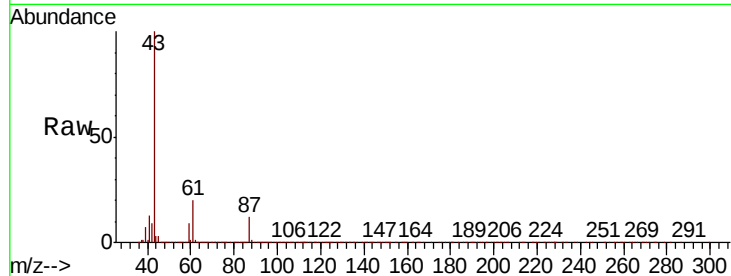
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	594471
Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.6	24.8
87	12.7	10.8	16.2

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#44

Trichloroethene

Concen: 48.650 ug/l

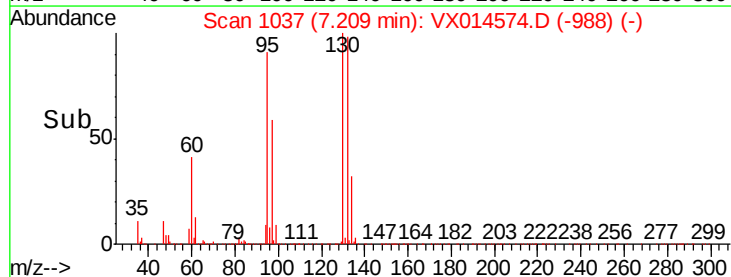
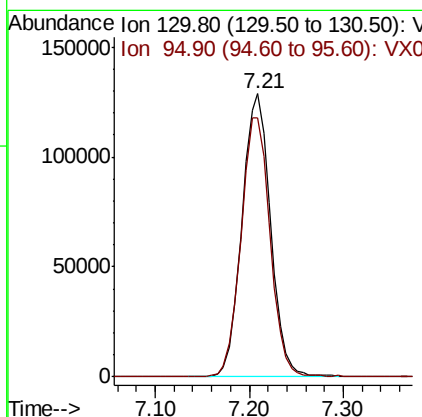
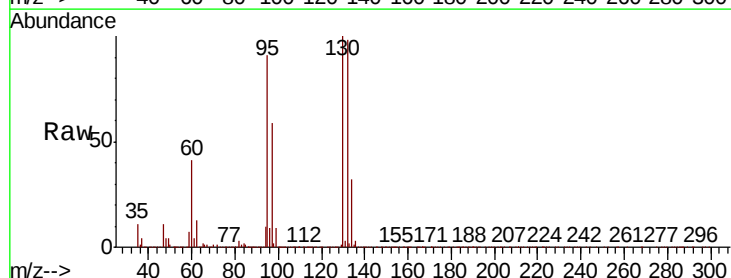
RT: 7.21 min Scan# 1037

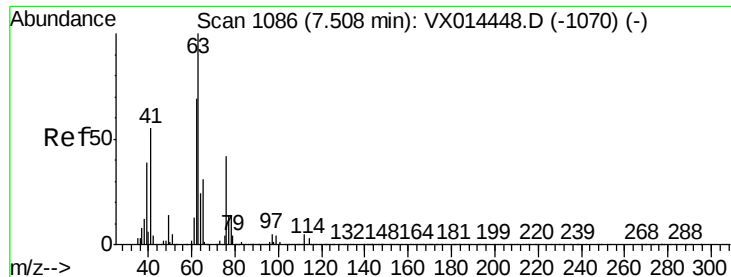
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion:	130	Resp:	273044
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.860 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 253238

Ion Ratio Lower Upper

63 100

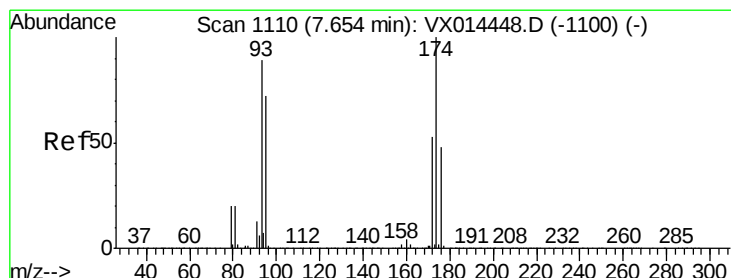
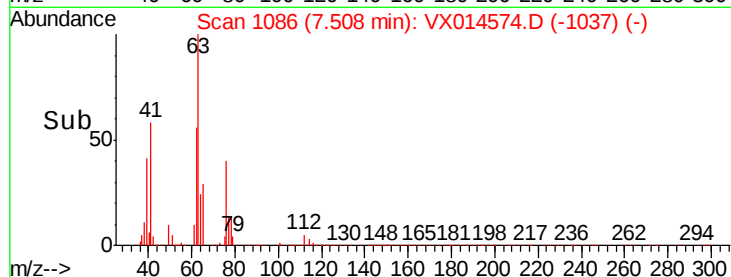
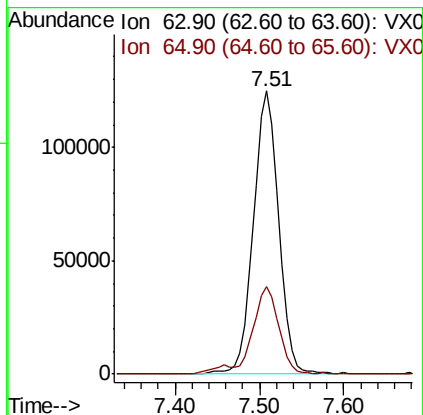
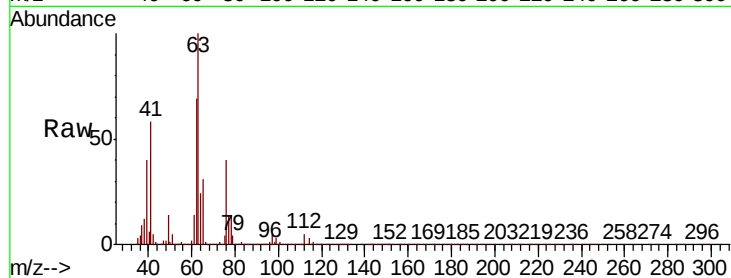
65 30.8 24.8 37.2

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#46

Dibromomethane

Concen: 47.533 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

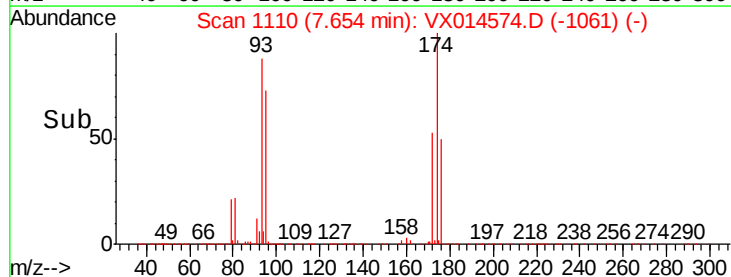
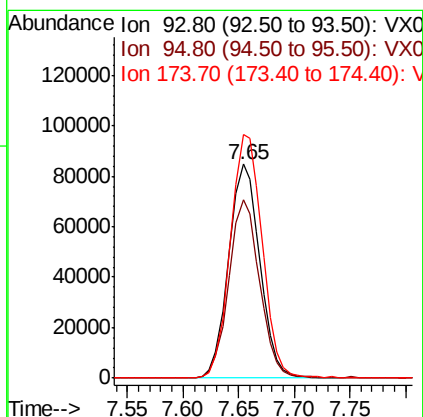
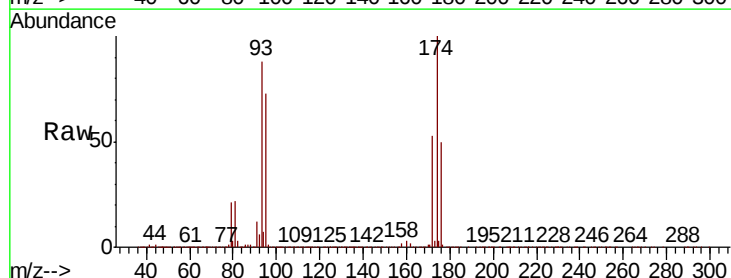
Tgt Ion: 93 Resp: 165189

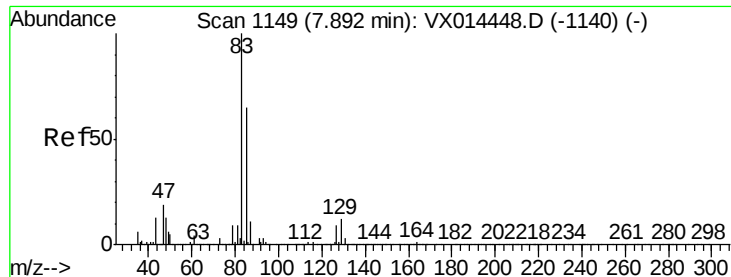
Ion Ratio Lower Upper

93 100

95 81.6 65.4 98.2

174 116.0 93.0 139.4





#47

Bromodichloromethane

Concen: 51.179 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

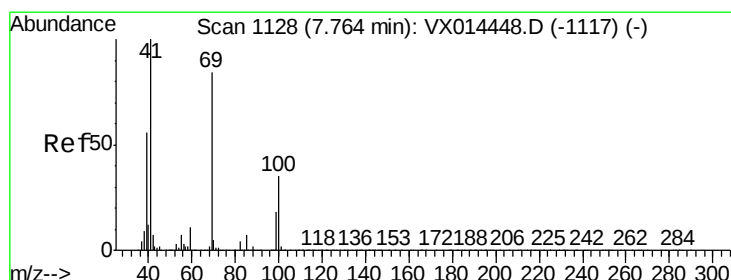
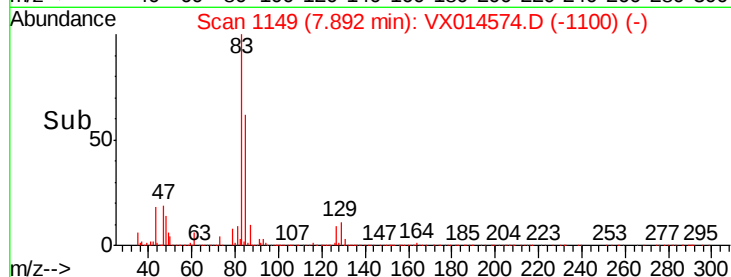
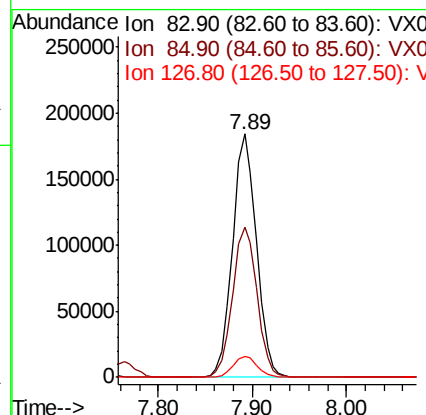
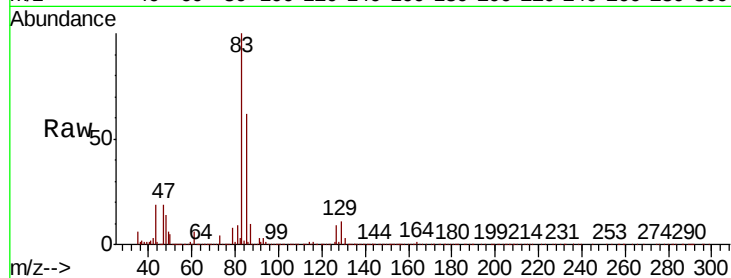
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	323632
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.7	77.5
127	8.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.717 ug/l

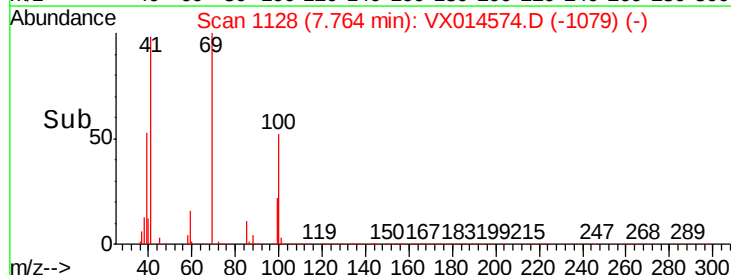
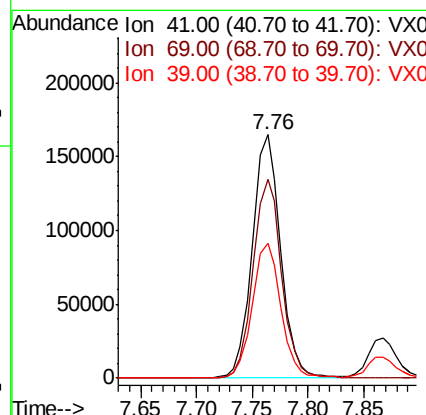
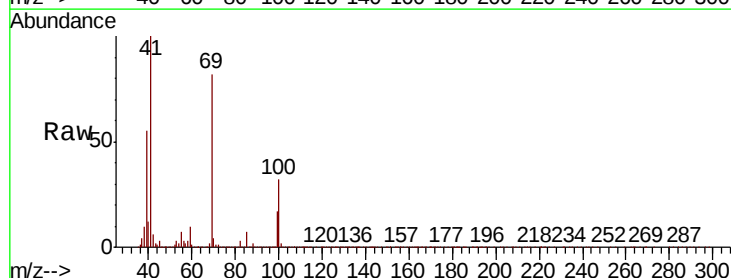
RT: 7.76 min Scan# 1128

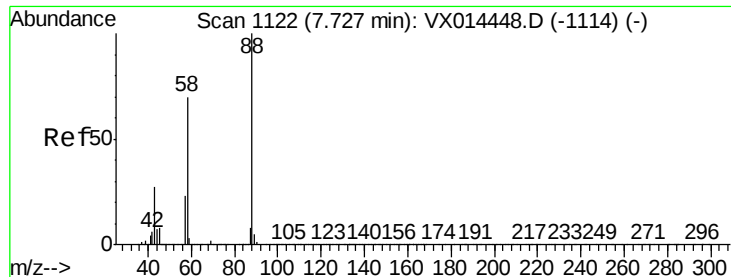
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion	41	Resp	291527
Ion Ratio	Lower	Upper	
41	100		
69	82.5	65.5	98.3
39	55.7	43.9	65.9





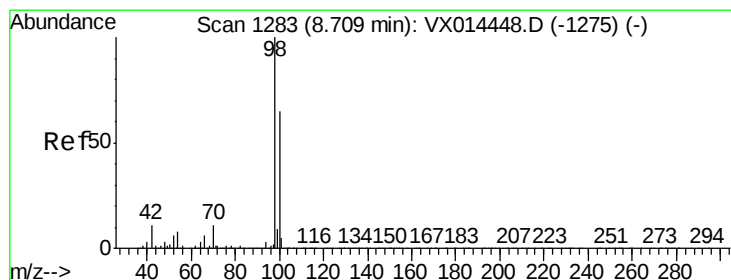
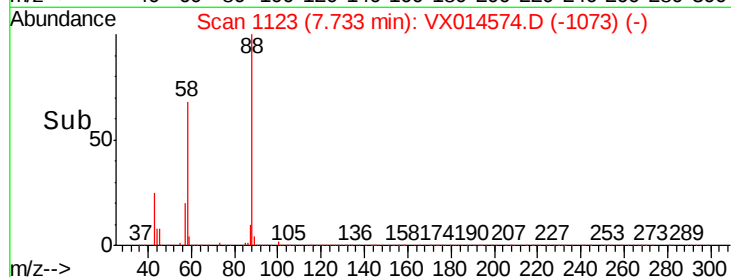
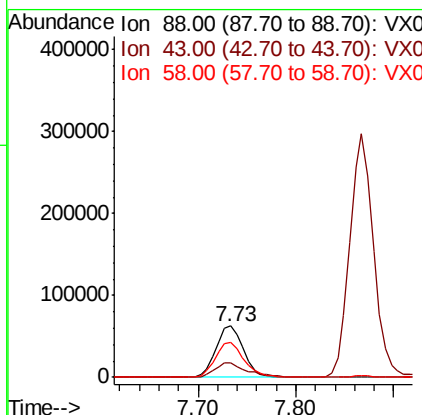
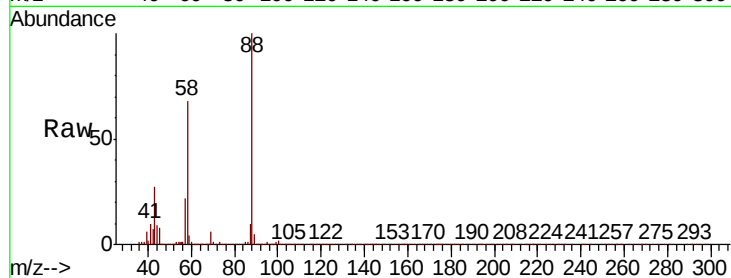
#49
1,4-Dioxane
Concen: 1031.489 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.4	41.0
58	71.0	57.1	85.7

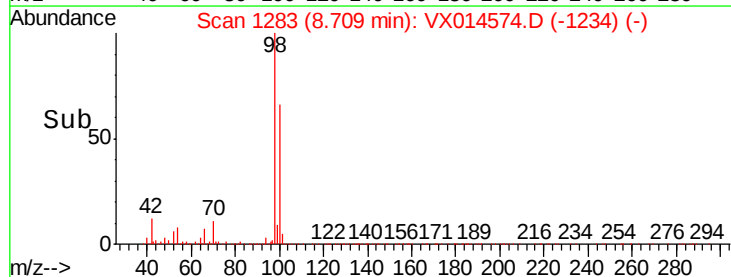
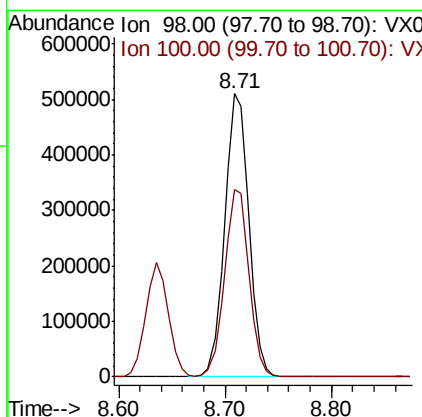
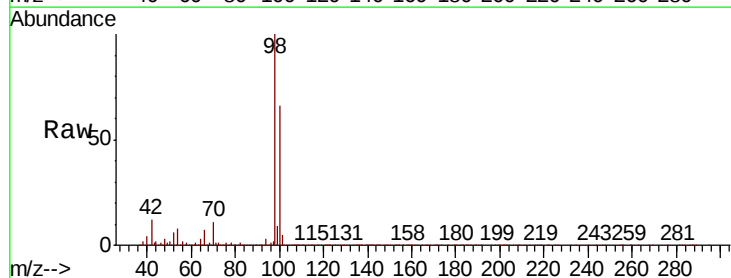
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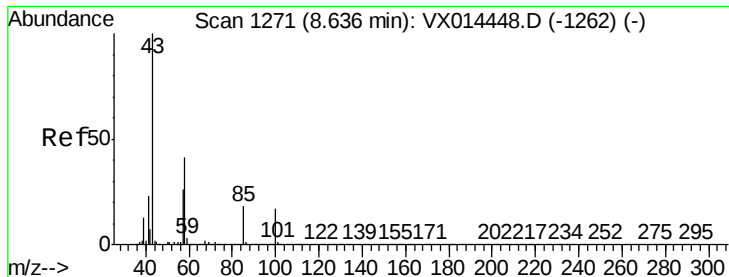
MMDadoda
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#50
Toluene-d8
Concen: 49.186 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 266.193 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1872913

Ion Ratio Lower Upper

43 100

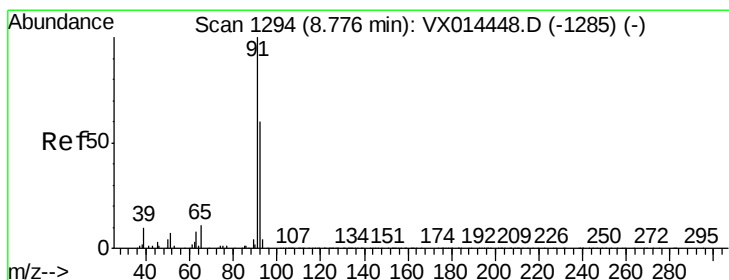
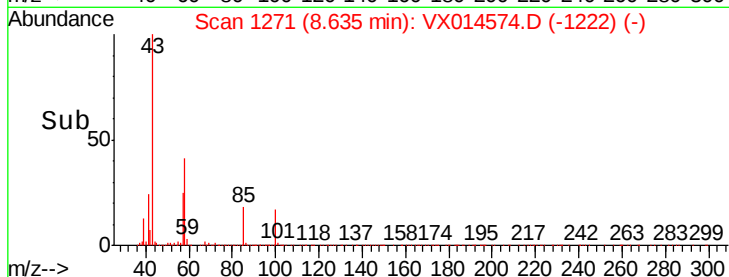
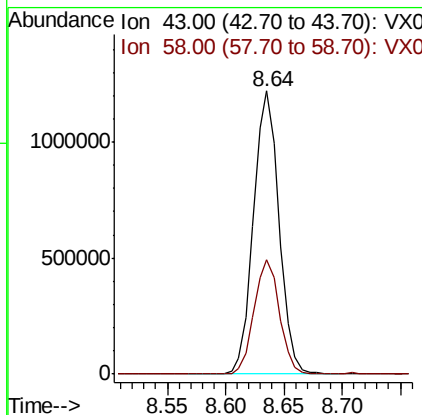
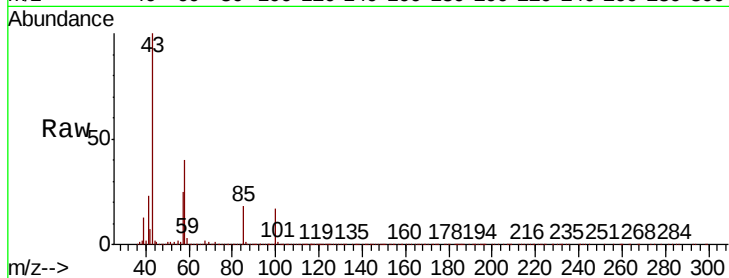
58 40.3 32.4 48.6

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#52

Toluene

Concen: 49.065 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014574.D

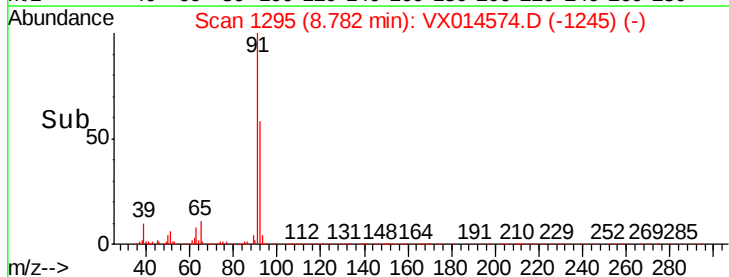
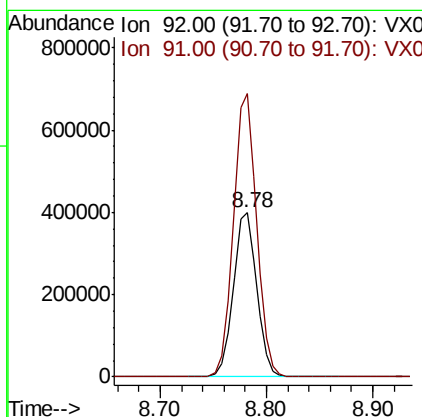
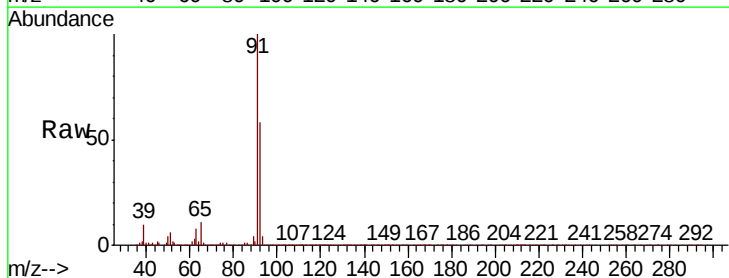
Acq: 11 Jan 2020 06:42

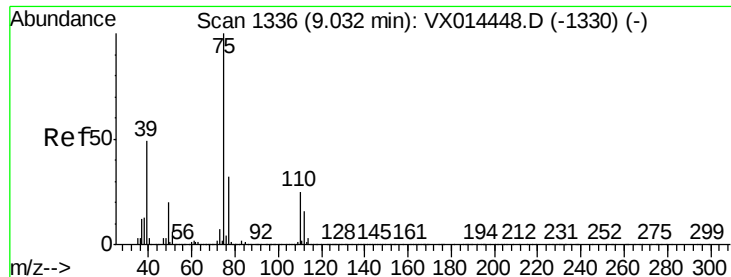
Tgt Ion: 92 Resp: 613407

Ion Ratio Lower Upper

92 100

91 172.0 135.7 203.5





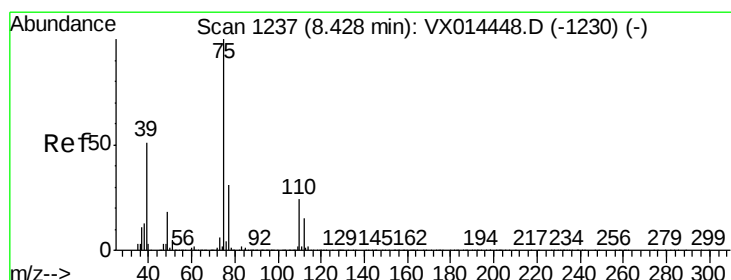
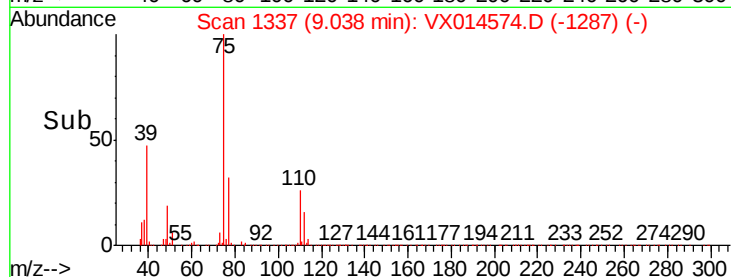
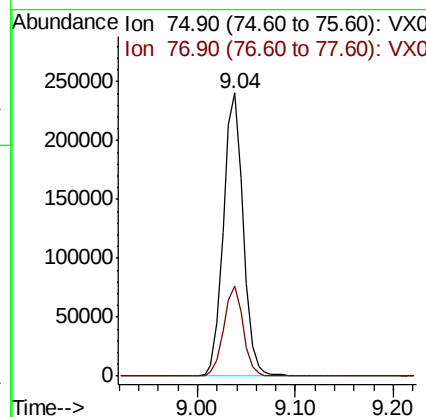
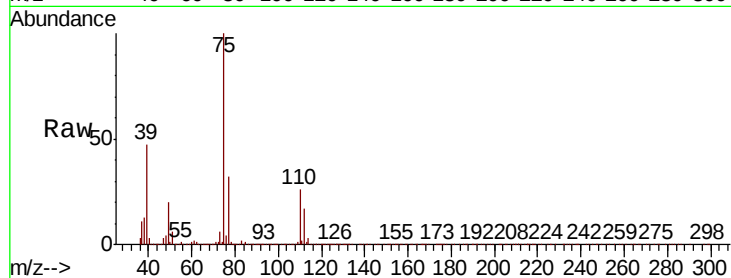
#53
t-1,3-Dichloropropene
Concen: 45.729 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

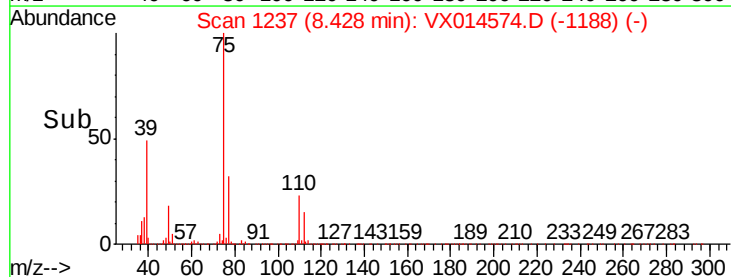
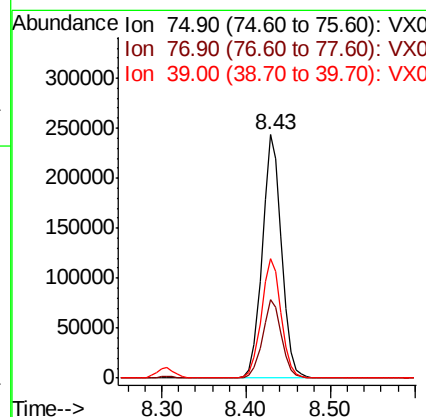
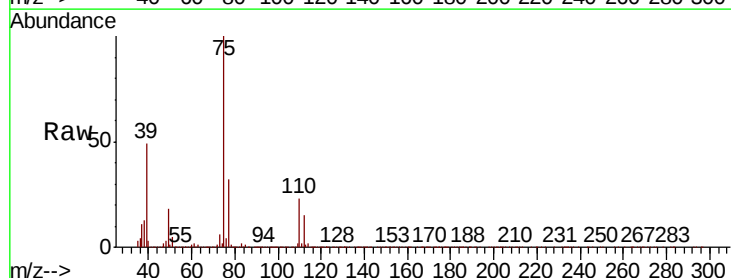
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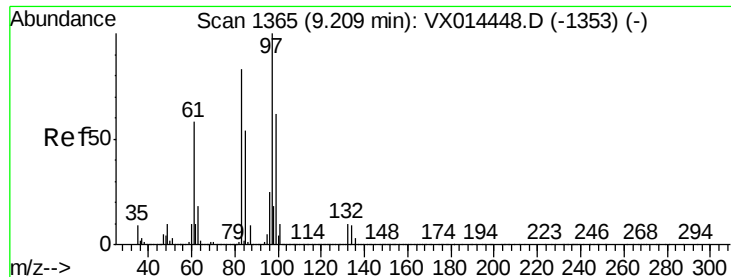
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#54
cis-1,3-Dichloropropene
Concen: 47.646 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4
39	49.1	40.7	61.1





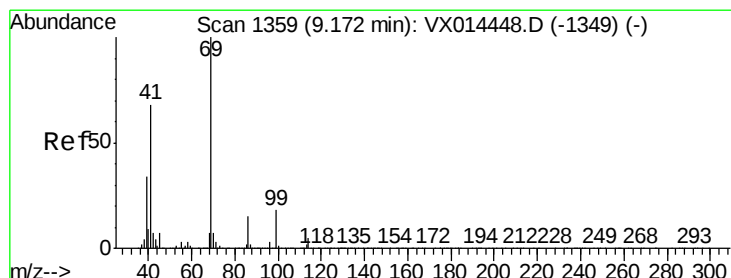
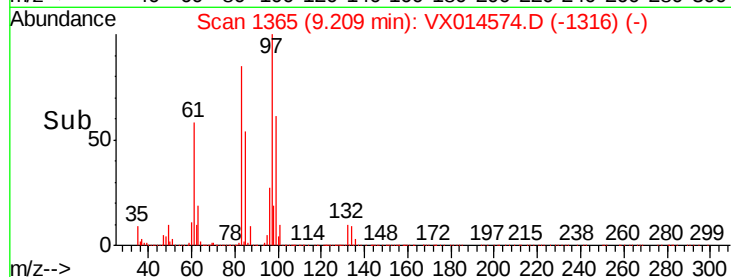
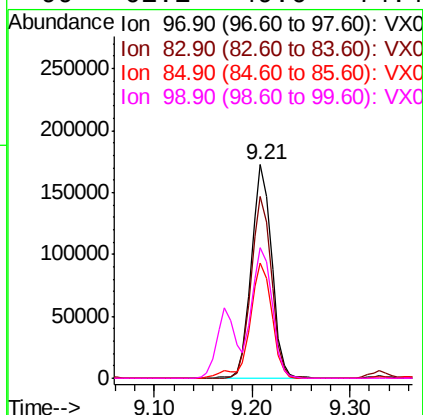
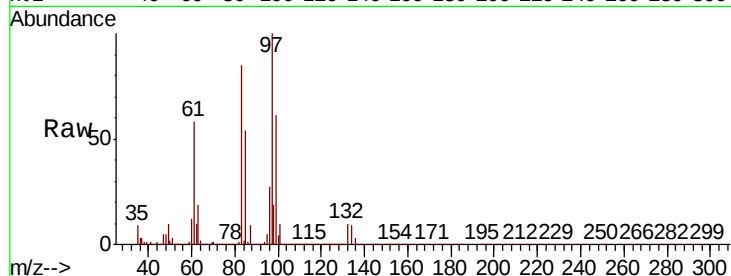
#55
 1,1,2-Trichloroethane
 Concen: 49.634 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		249239		
83	85.1	66.4	99.6		
85	53.9	43.4	65.2		
99	61.1	49.6	74.4		

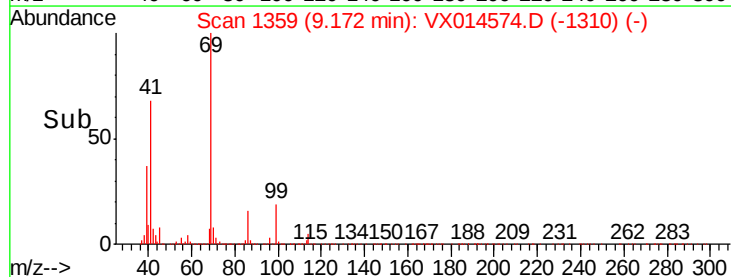
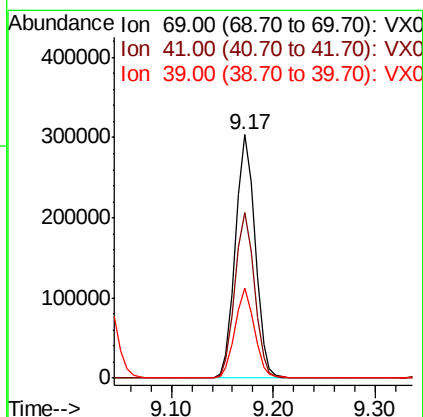
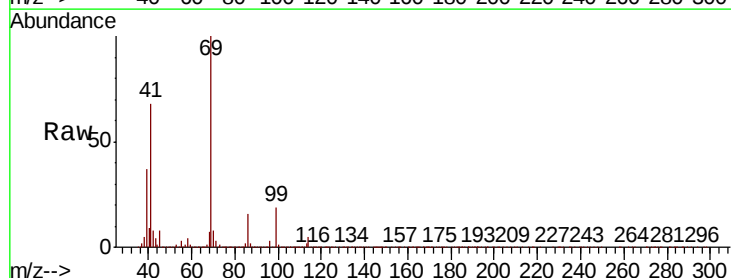
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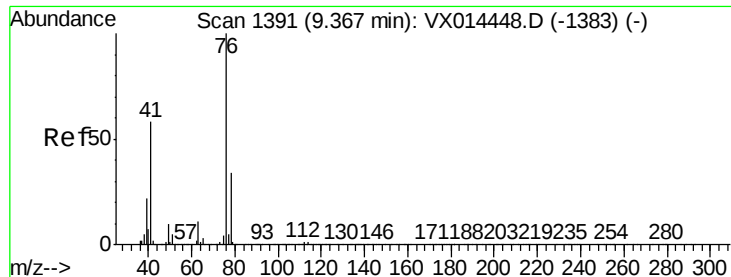
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#56
 Ethyl methacrylate
 Concen: 52.634 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		404926		
41	67.0	54.2	81.2		
39	36.2	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 50.485 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 423876

Ion Ratio Lower Upper

76 100

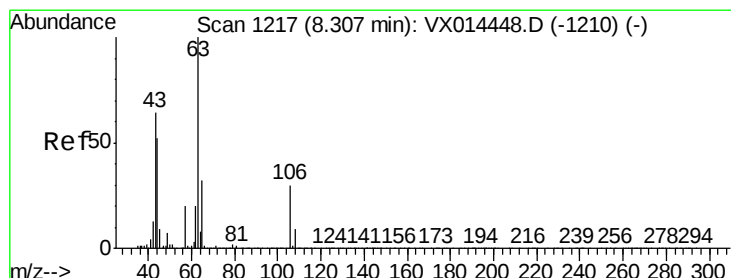
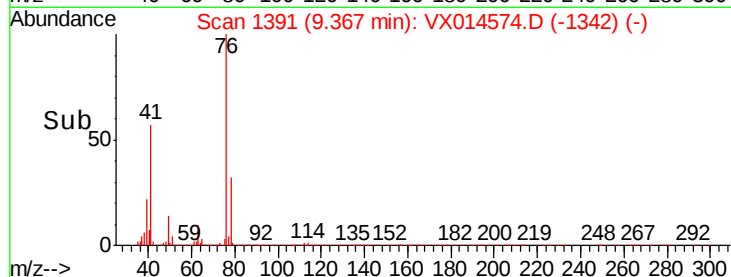
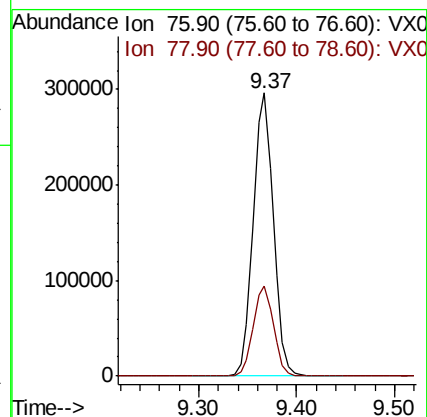
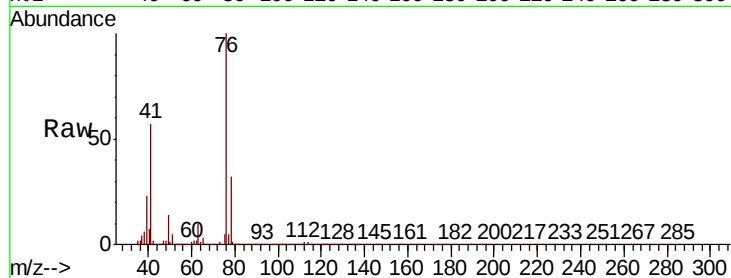
78 32.4 26.4 39.6

Manual Integrations

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1/13/2020 11:34:01 AM



#58

2-Chloroethyl Vinyl ether

Concen: 264.124 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014574.D

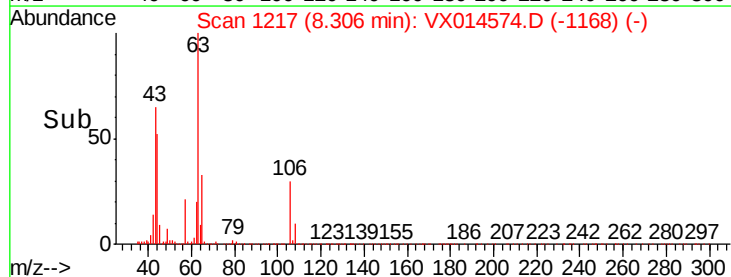
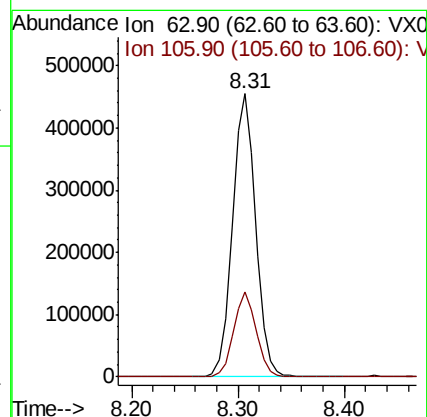
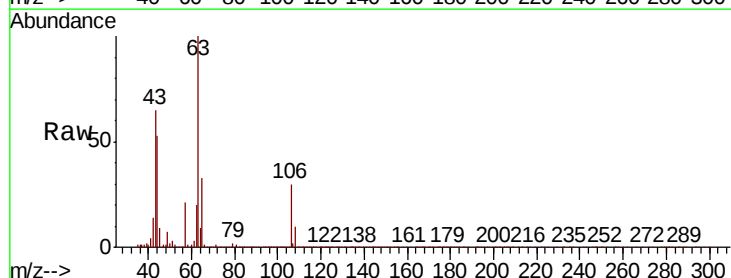
Acq: 11 Jan 2020 06:42

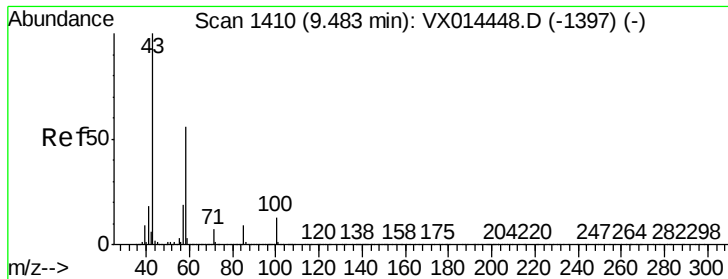
Tgt Ion: 63 Resp: 691343

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





#59

2-Hexanone

Concen: 255.982 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1425084

Ion Ratio Lower Upper

43 100

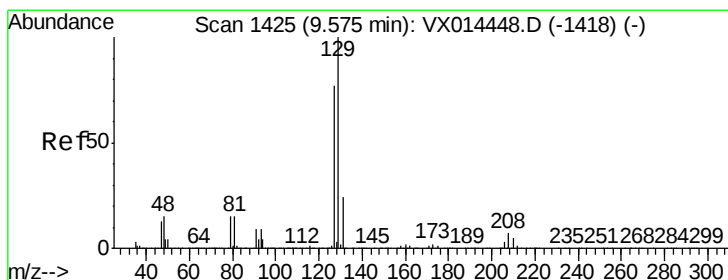
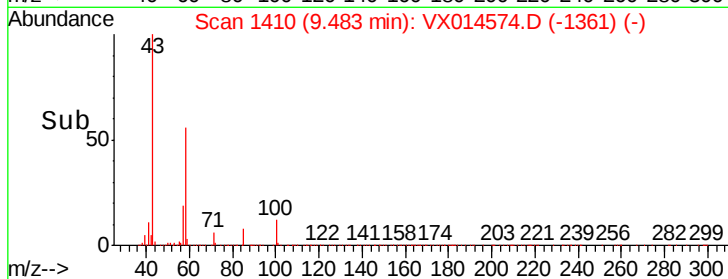
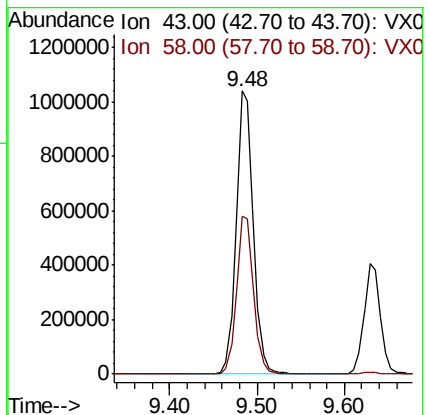
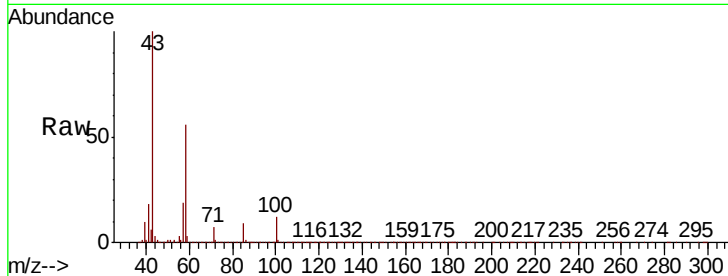
58 55.6 27.9 83.7

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#60

Dibromochloromethane

Concen: 51.165 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014574.D

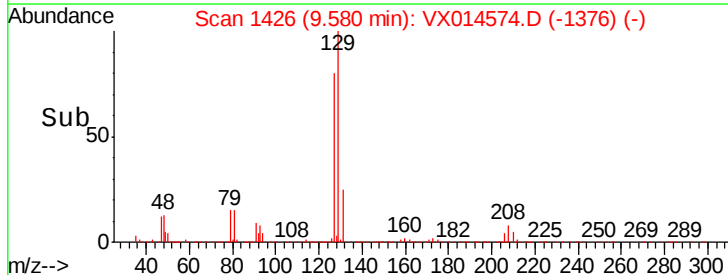
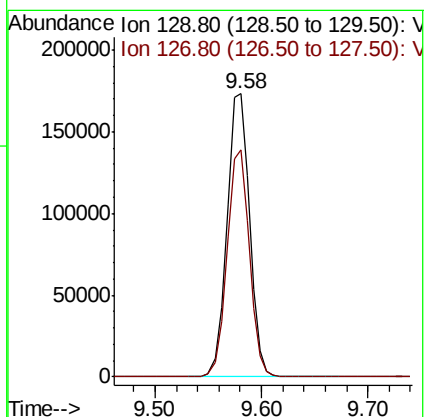
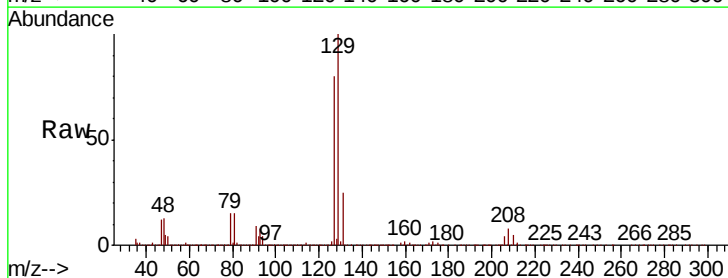
Acq: 11 Jan 2020 06:42

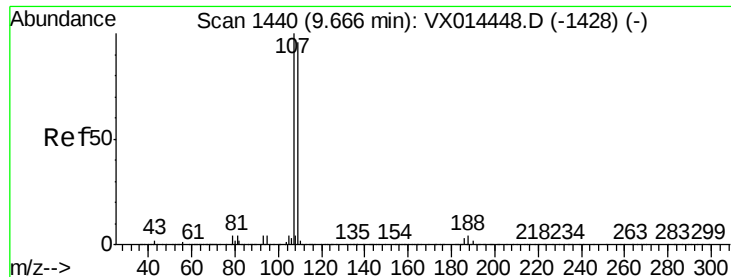
Tgt Ion: 129 Resp: 258241

Ion Ratio Lower Upper

129 100

127 78.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.827 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 259720

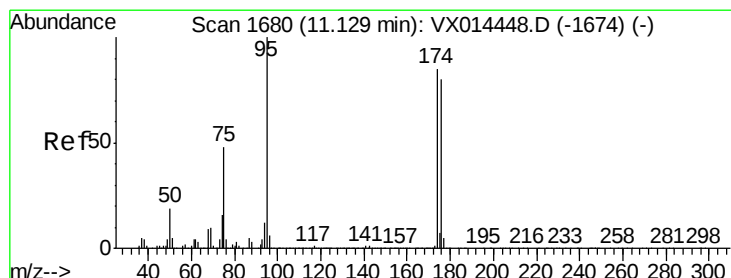
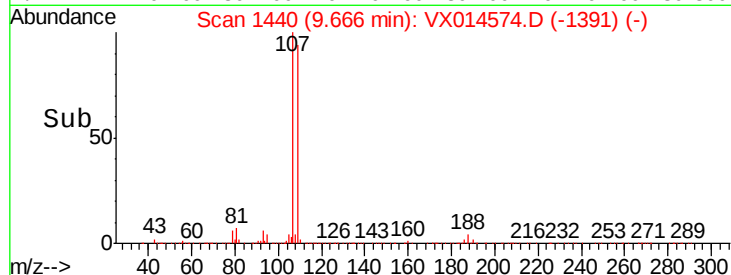
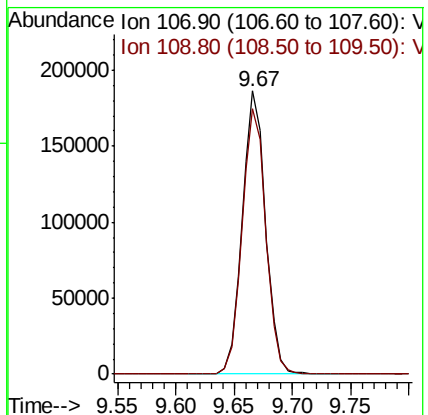
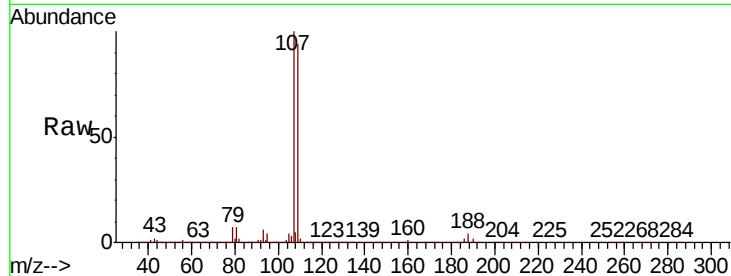
Ion Ratio Lower Upper

107 100

109 95.8 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 48.086 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

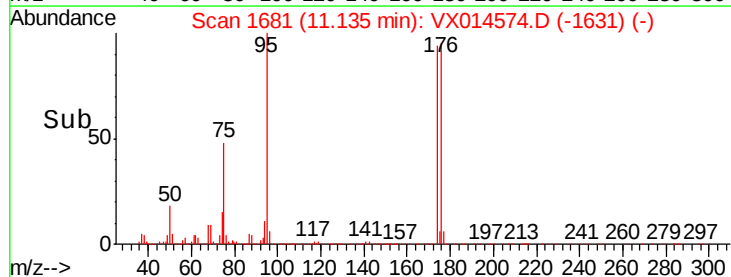
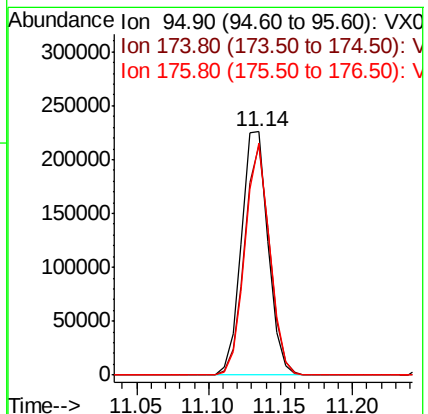
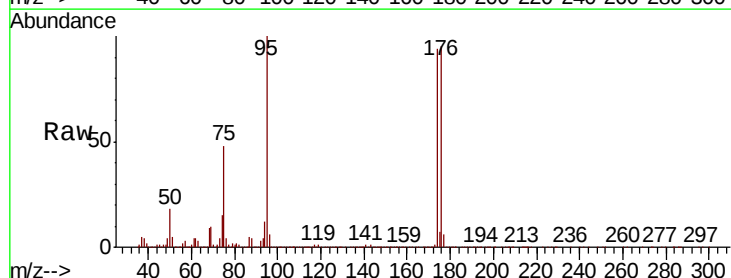
Tgt Ion: 95 Resp: 290166

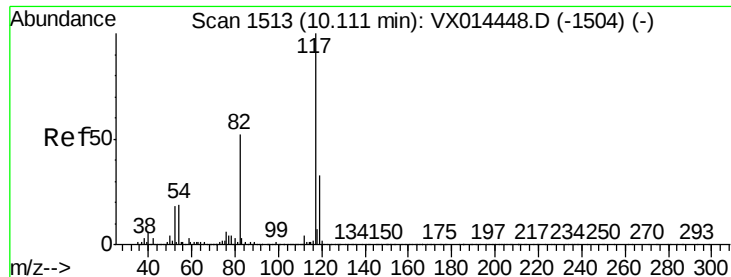
Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.8

176 87.8 0.0 172.8





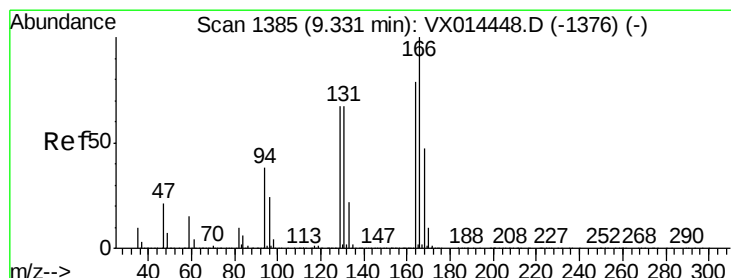
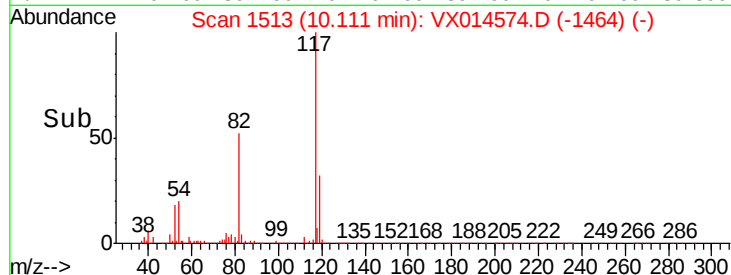
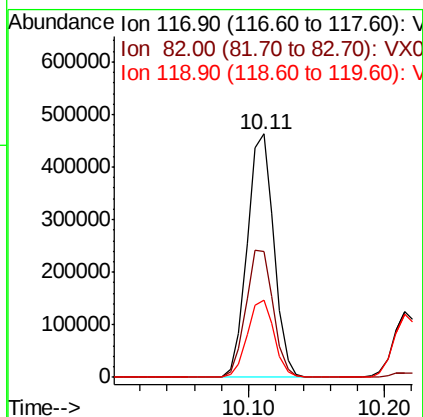
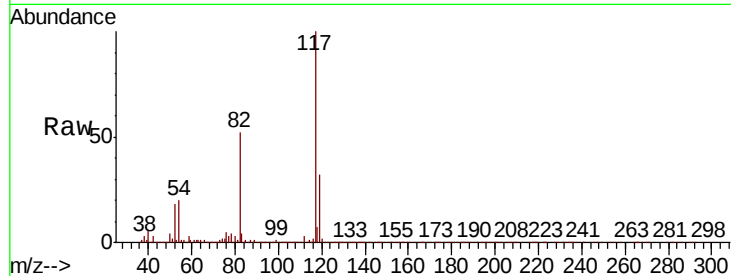
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.6
119	31.7	26.2	39.4

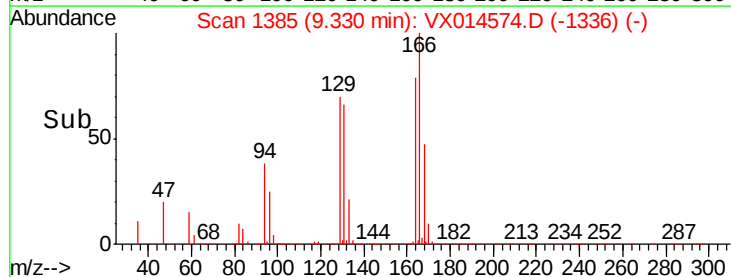
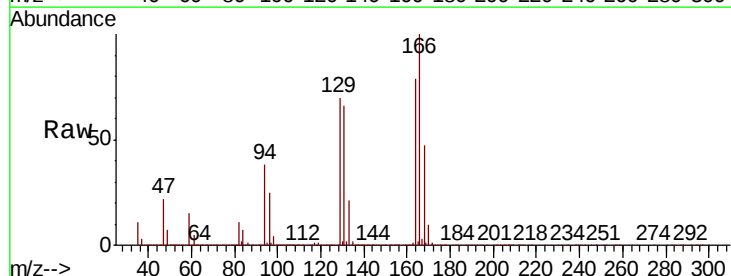
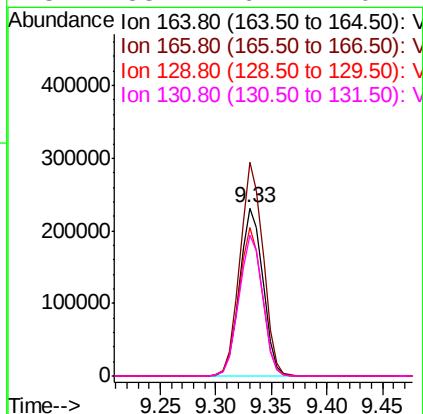
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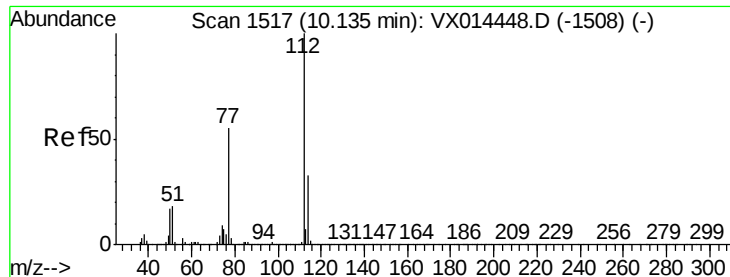
MMDadoda
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#64
Tetrachloroethene
Concen: 52.909 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.2	151.8
129	88.3	68.3	102.5
131	83.7	67.4	101.2





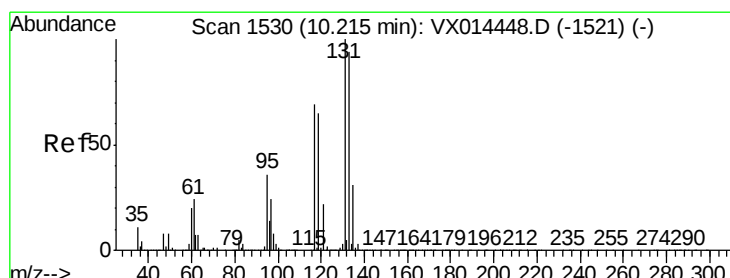
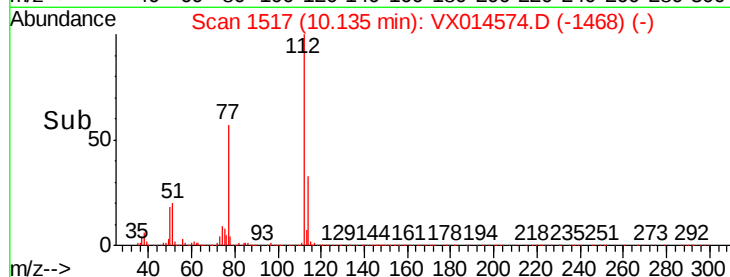
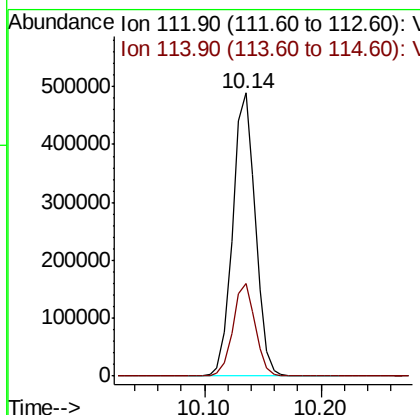
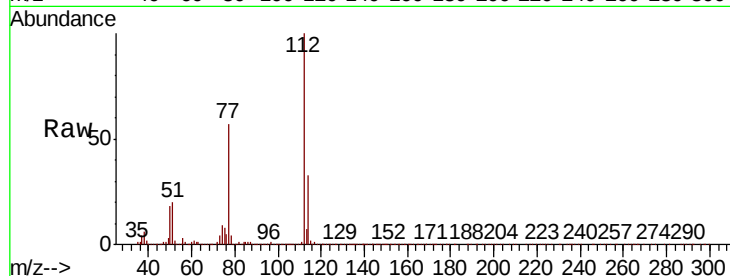
#65
Chlorobenzene
Concen: 48.015 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.4

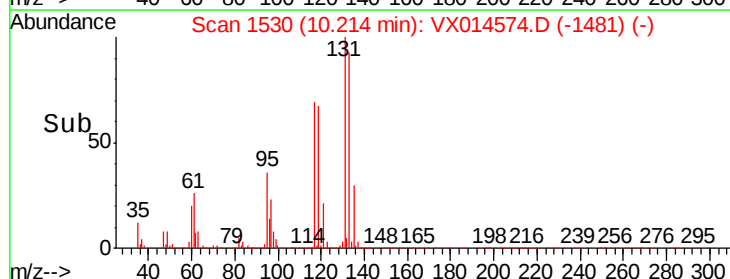
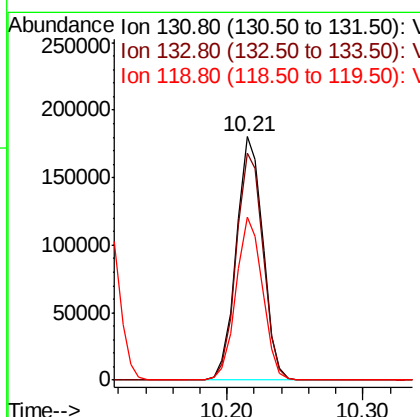
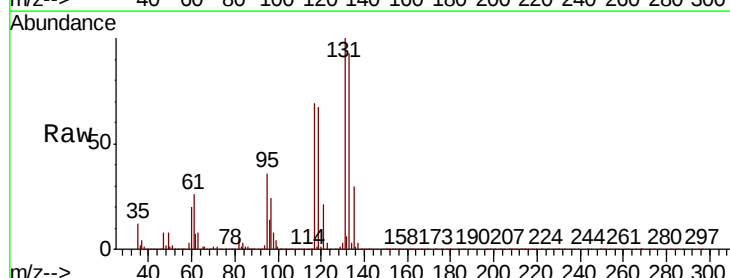
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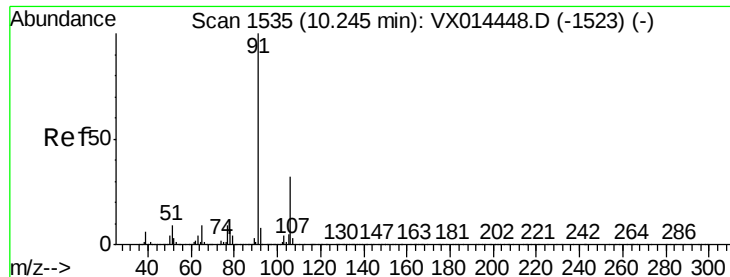
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.764 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	142.0
119	66.3	32.8	98.4





#67

Ethyl Benzene

Concen: 49.864 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1172164

Ion Ratio Lower Upper

91 100

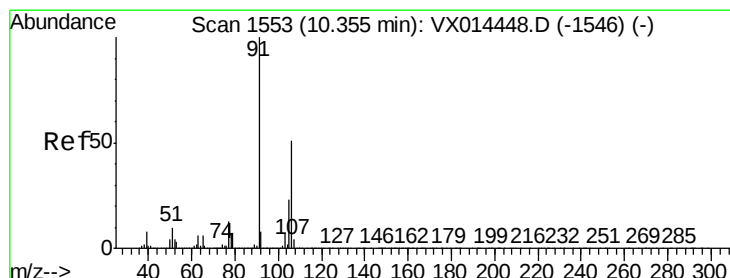
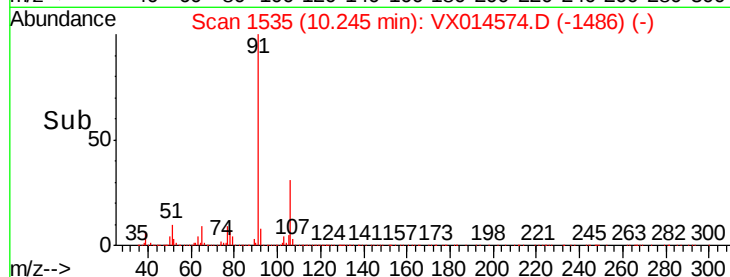
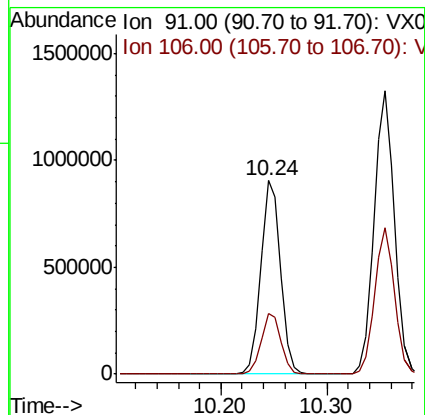
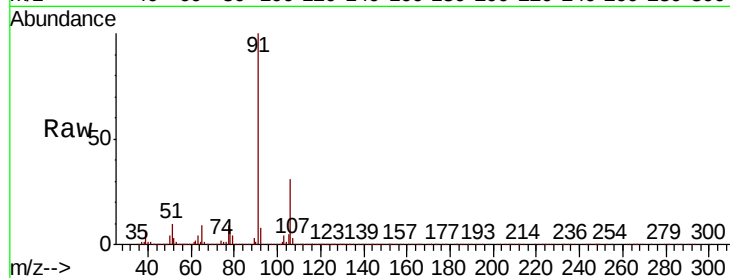
106 31.2 25.6 38.4

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#68

m/p-Xylenes

Concen: 98.728 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014574.D

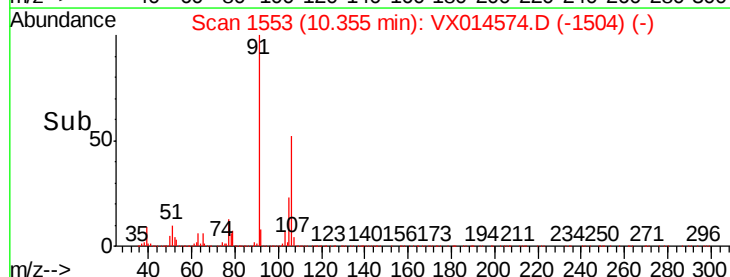
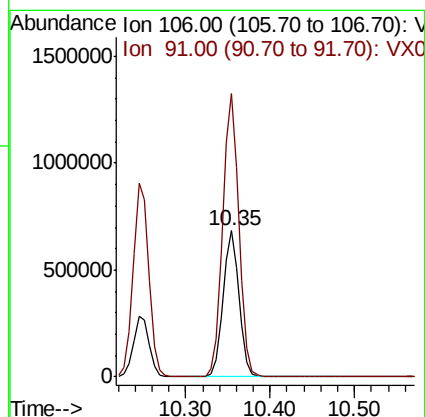
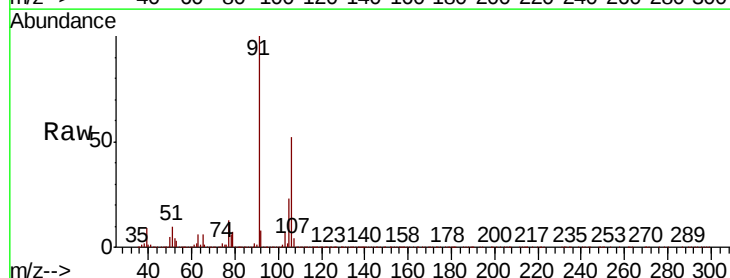
Acq: 11 Jan 2020 06:42

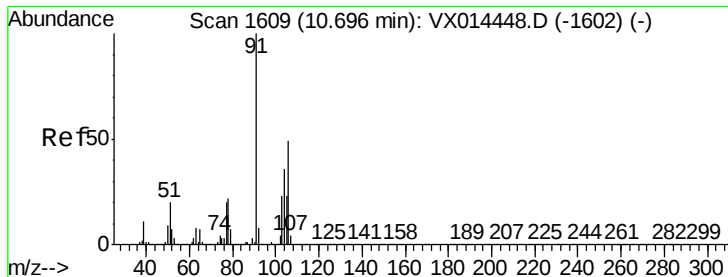
Tgt Ion: 106 Resp: 895364

Ion Ratio Lower Upper

106 100

91 196.2 157.4 236.0





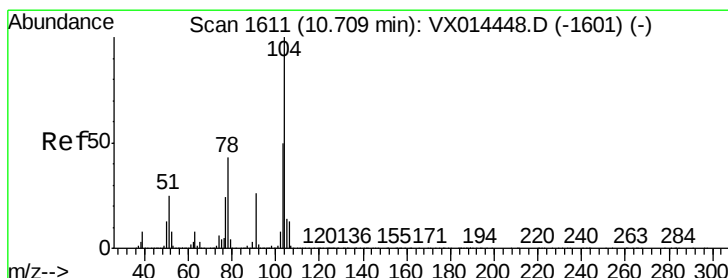
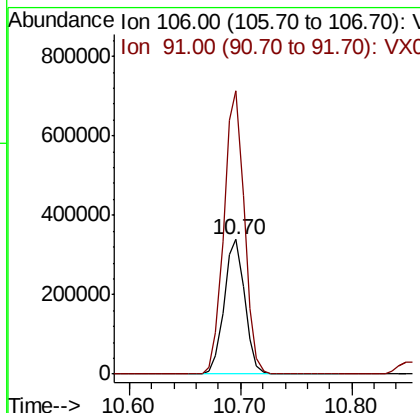
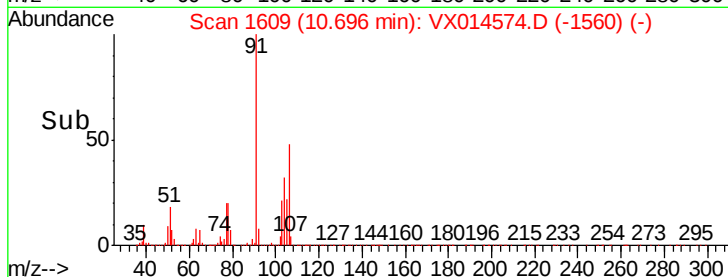
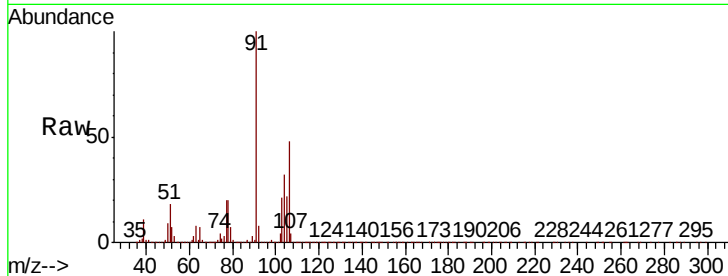
#69
o-Xylene
Concen: 50.041 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	105.1	315.1

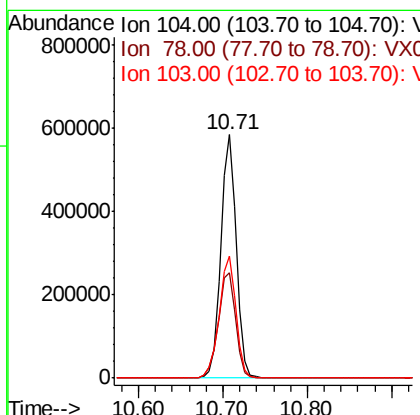
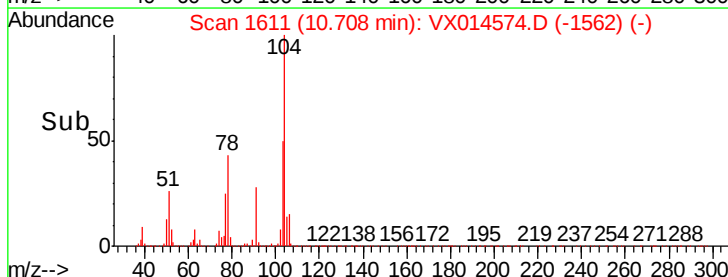
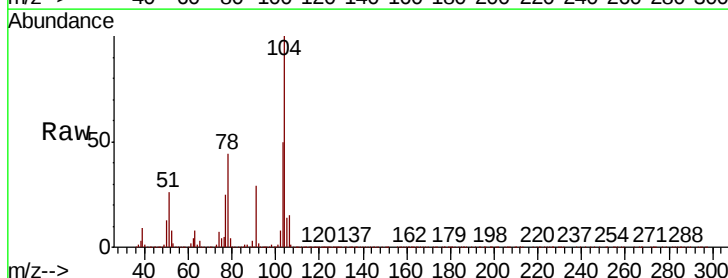
Manual Integrations
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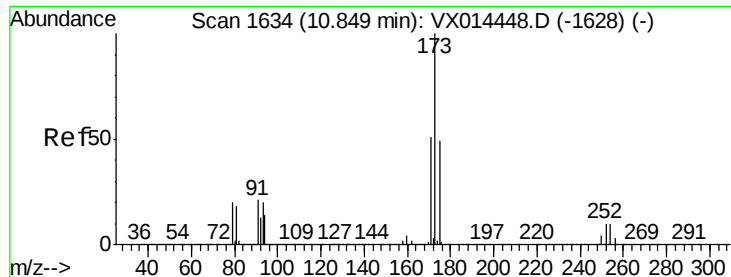
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#70
Styrene
Concen: 49.538 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.6	58.0
103	54.6	43.7	65.5





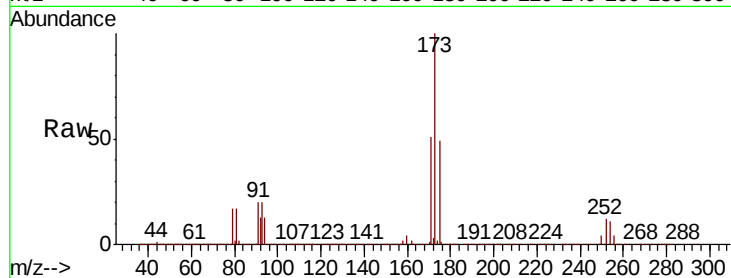
#71
Bromoform
Concen: 49.474 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.2	0.2	0.2

Manual Integrations
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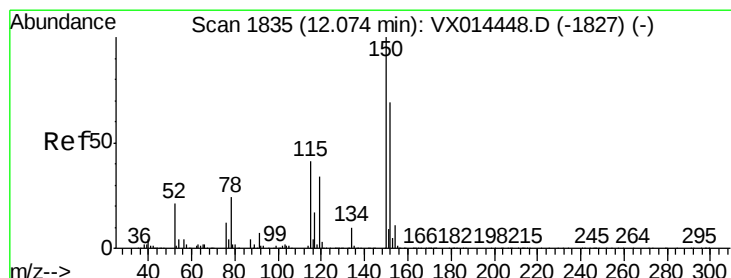
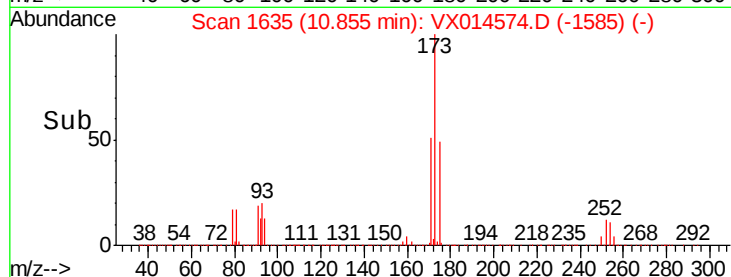
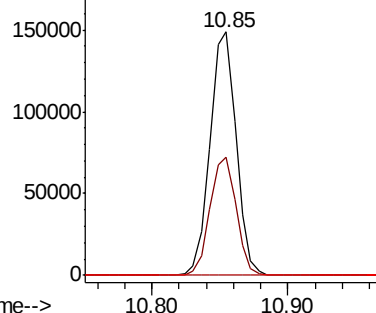


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

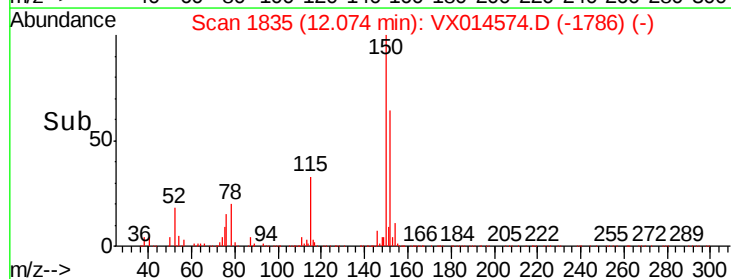
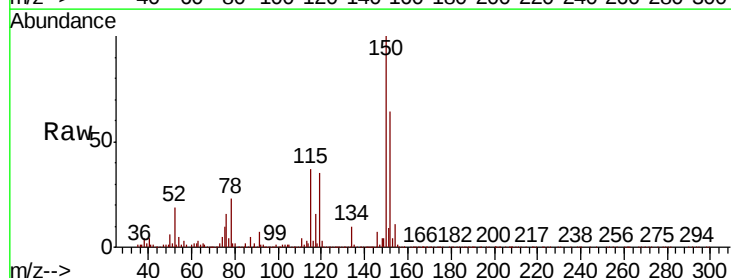
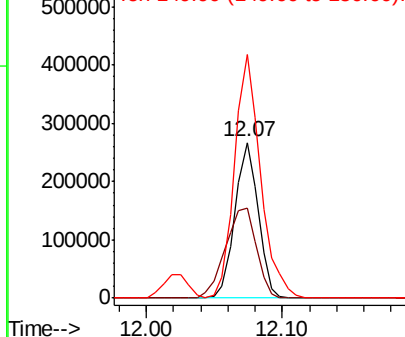
Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.6	39.5	118.3
150	174.9	0.0	350.2

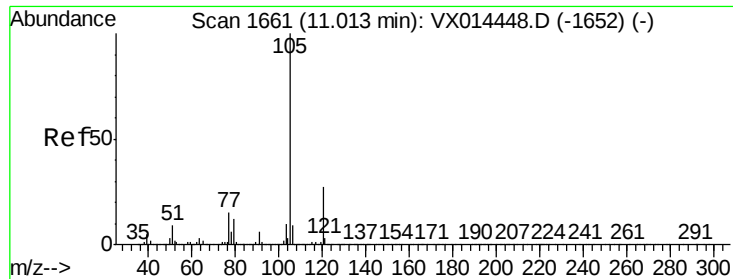
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.937 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1135049

Ion Ratio Lower Upper

105 100

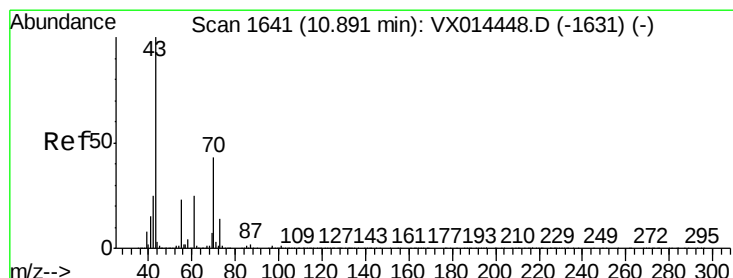
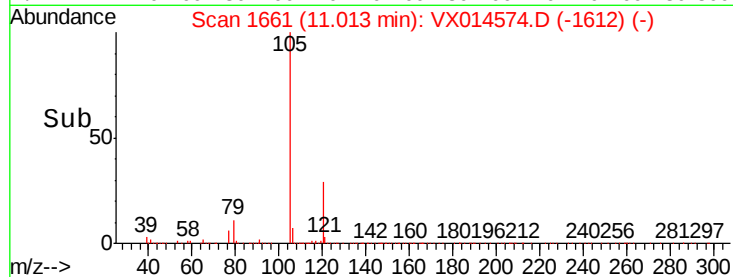
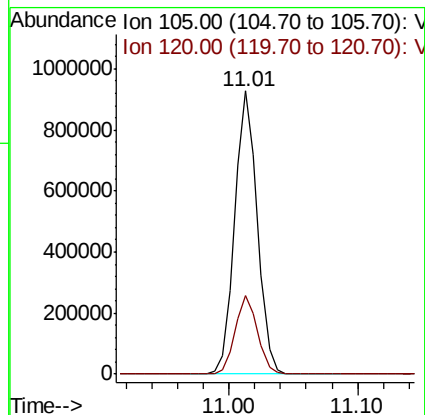
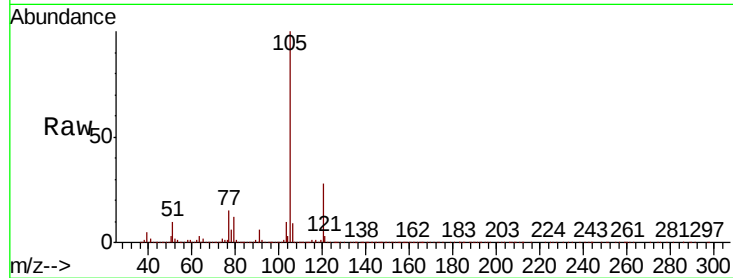
120 27.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 52.486 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion: 43 Resp: 515990

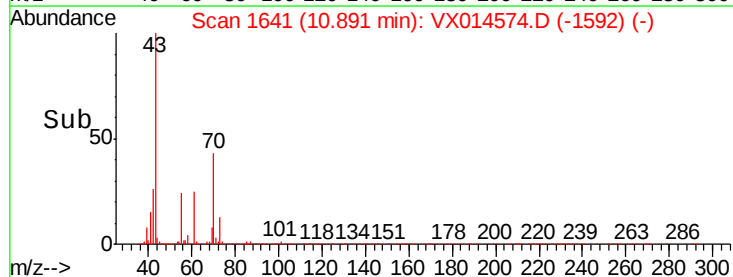
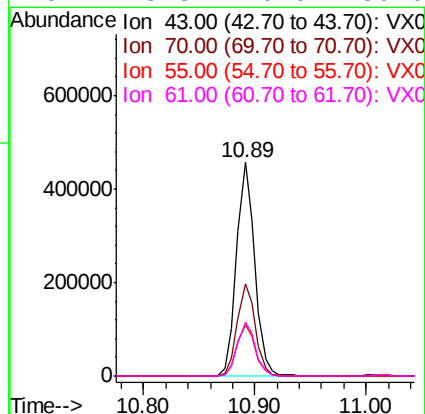
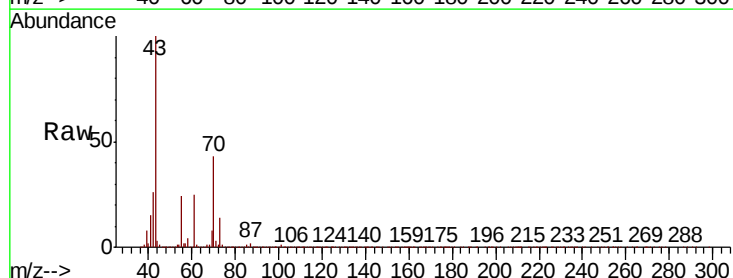
Ion Ratio Lower Upper

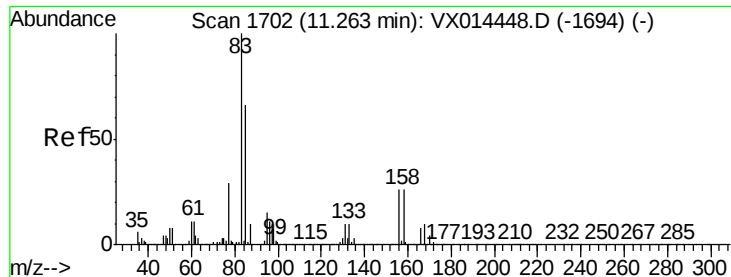
43 100

70 43.7 35.1 52.7

55 24.3 19.3 28.9

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.437 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

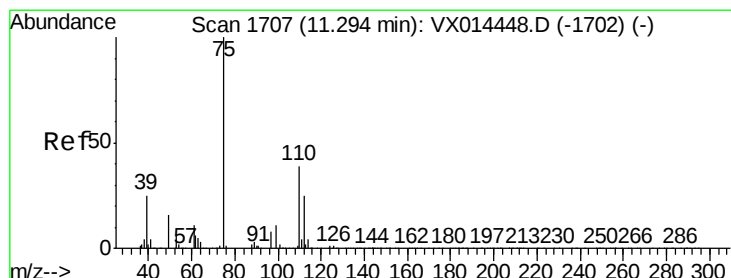
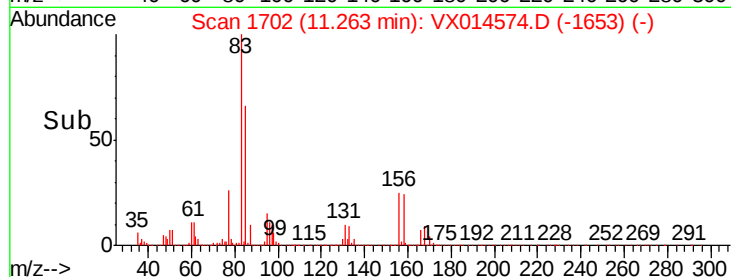
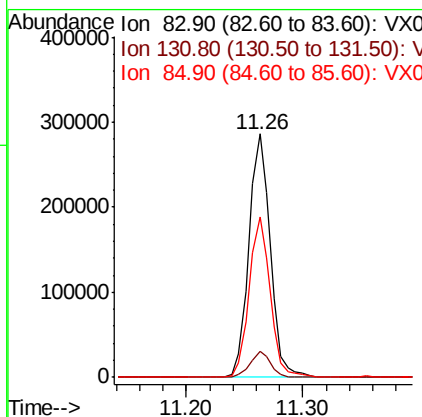
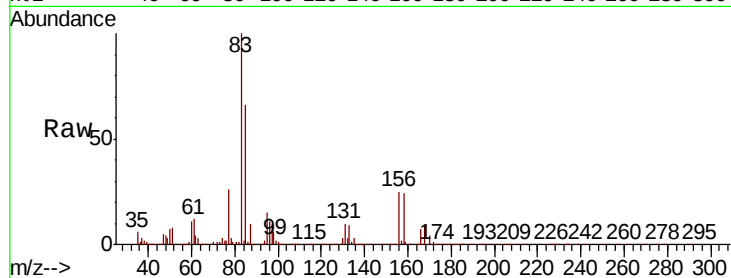
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	367576
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.9	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 54.611 ug/l m

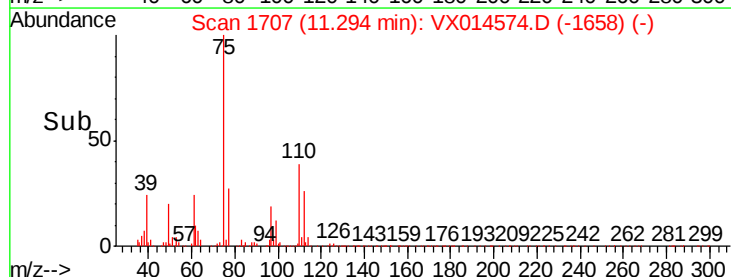
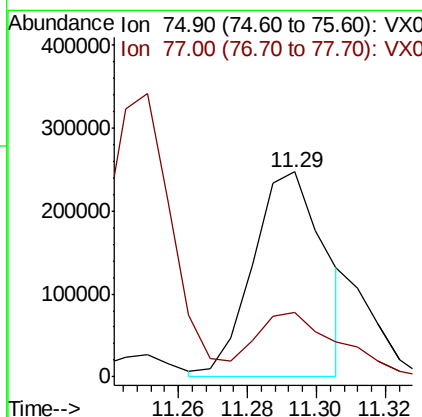
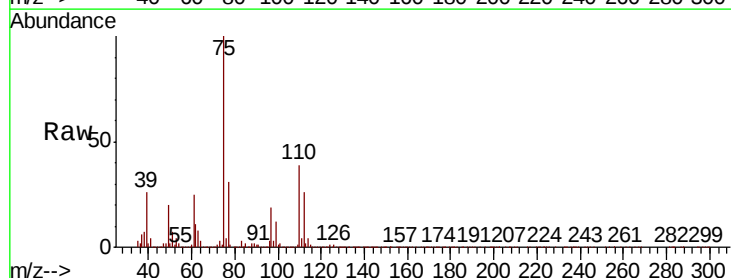
RT: 11.29 min Scan# 1707

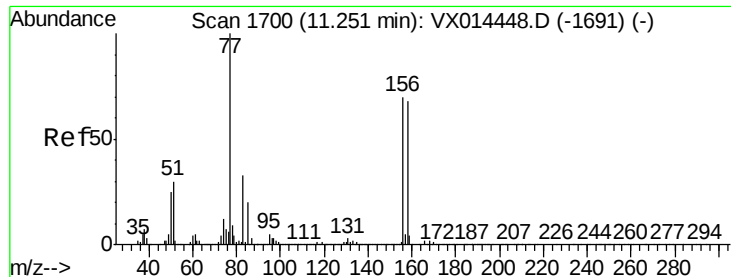
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion:	75	Resp:	358553
Ion Ratio	Lower	Upper	
75	100		
77	36.1	21.9	65.7





#77

Bromobenzene

Concen: 47.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

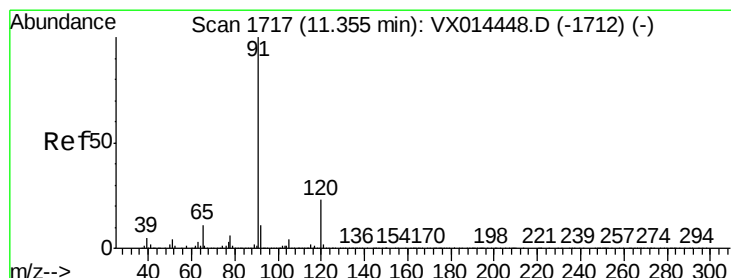
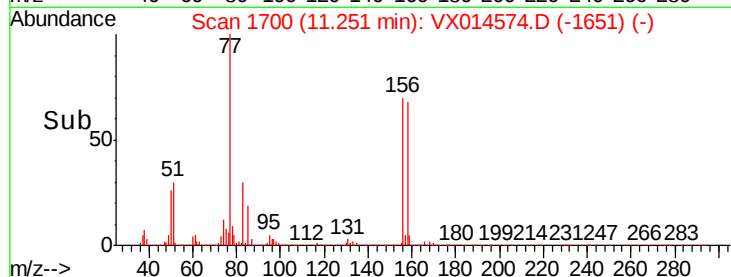
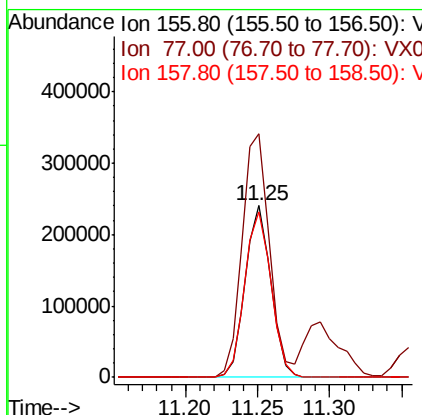
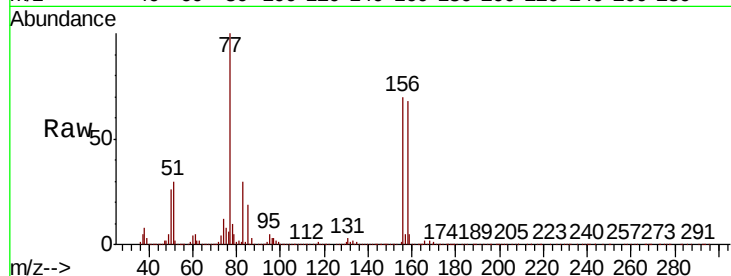
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	295854
Ion Ratio	Lower	Upper	
156	100		
77	151.8	75.4	226.3
158	99.2	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.167 ug/l

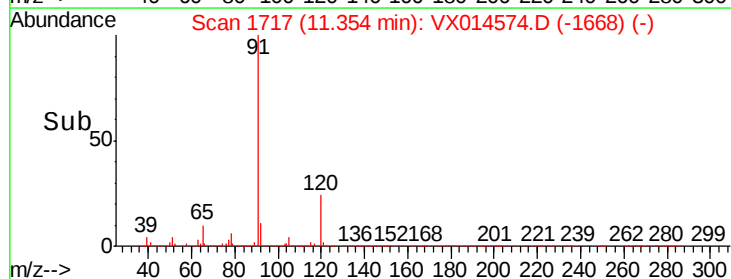
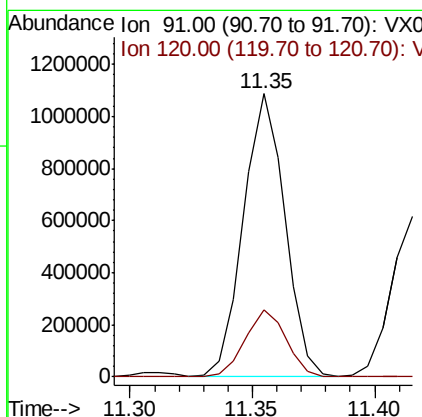
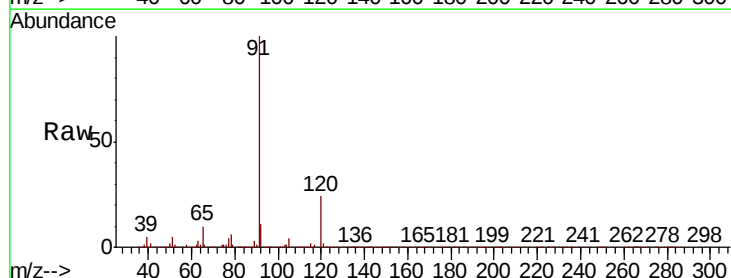
RT: 11.35 min Scan# 1717

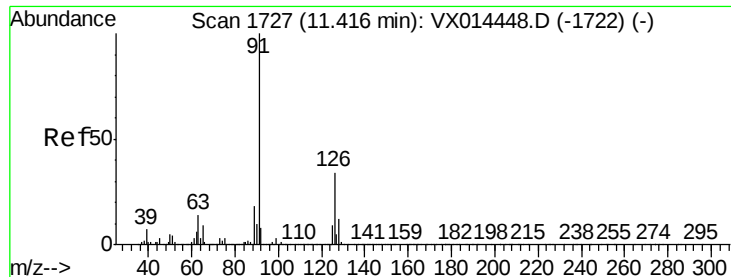
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion:	91	Resp:	1280261
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





#79

2-Chlorotoluene

Concen: 49.497 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 752835

Ion Ratio Lower Upper

91 100

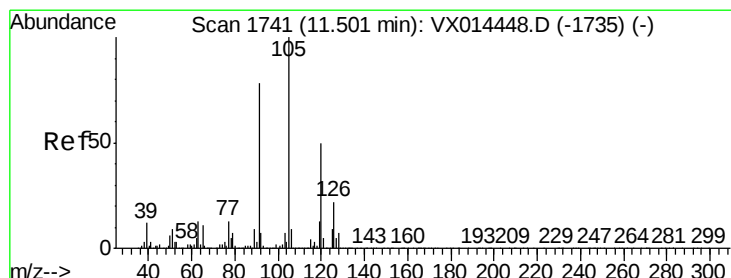
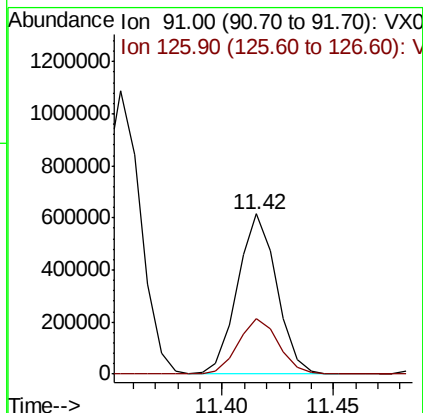
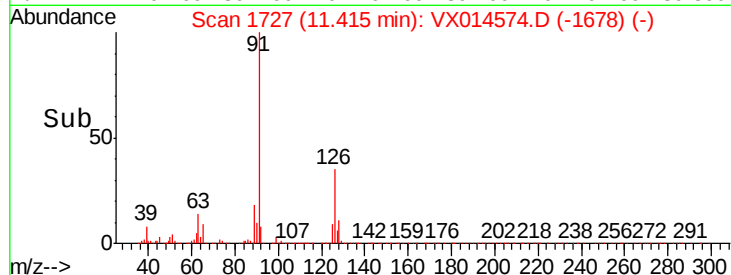
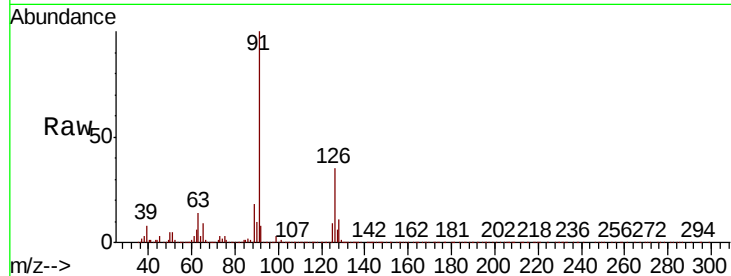
126 35.4 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.648 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014574.D

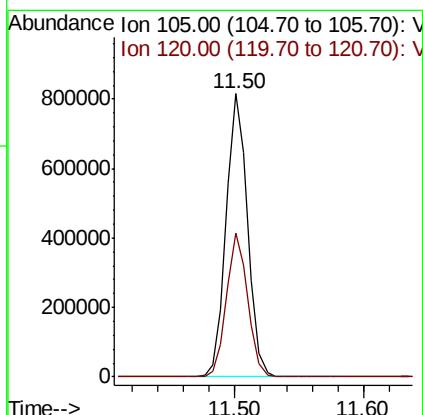
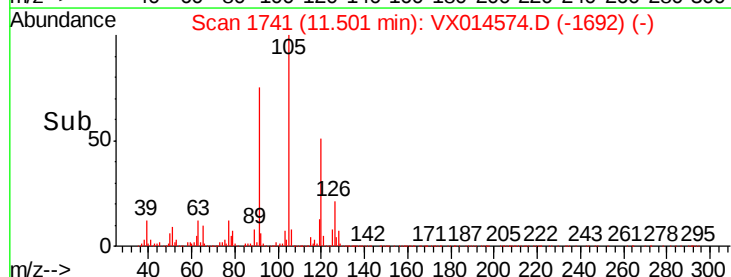
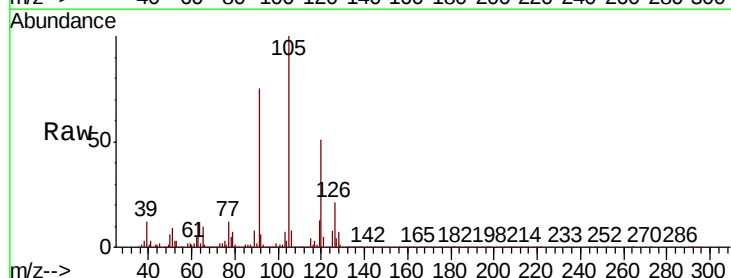
Acq: 11 Jan 2020 06:42

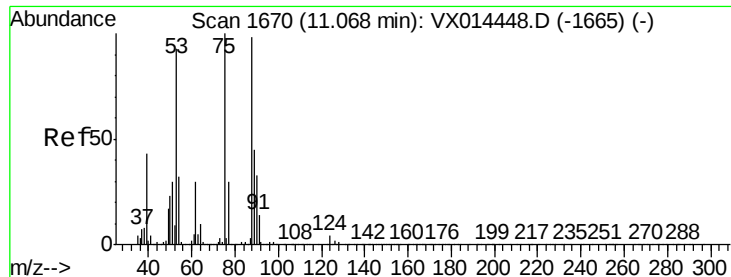
Tgt Ion: 105 Resp: 955505

Ion Ratio Lower Upper

105 100

120 50.1 25.2 75.6





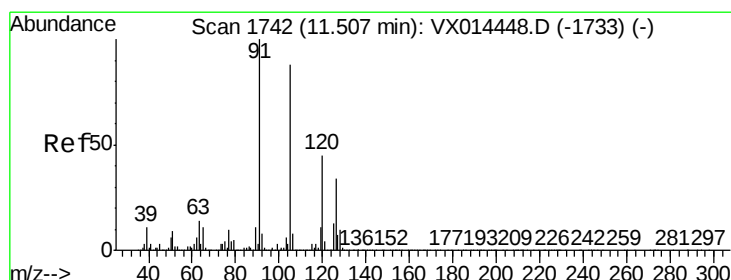
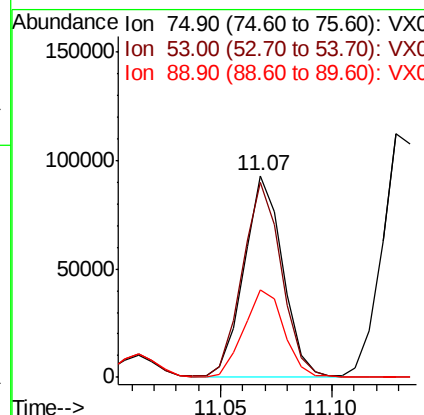
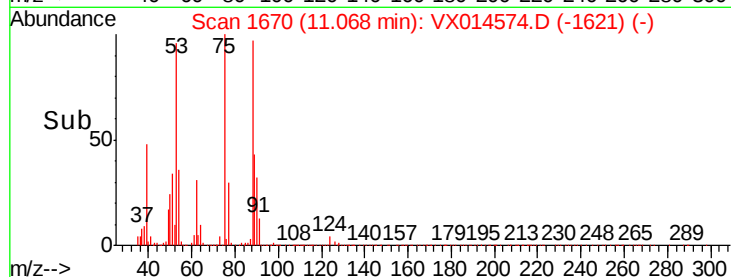
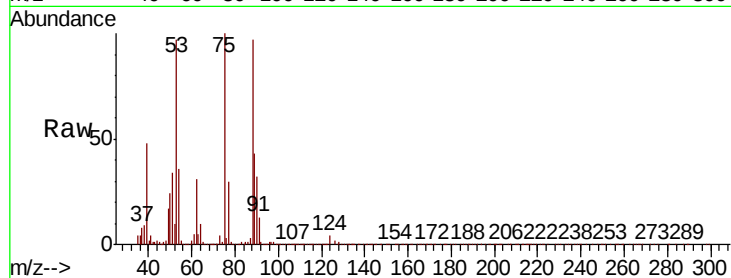
#81
trans-1,4-Dichloro-2-butene
Concen: 45.085 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	74.8	112.2
89	45.1	36.3	54.5

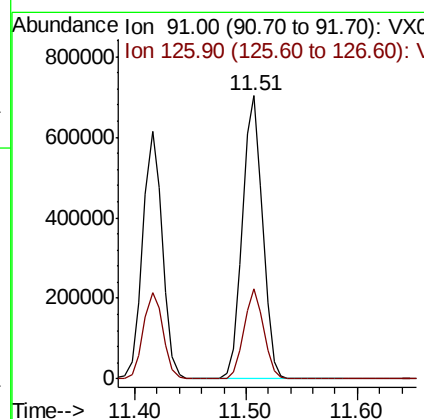
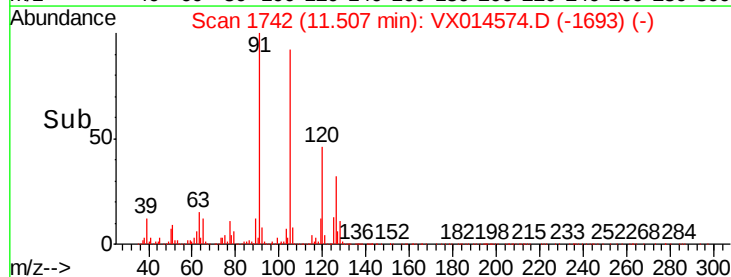
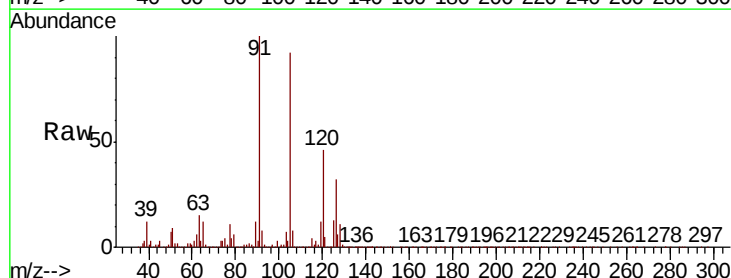
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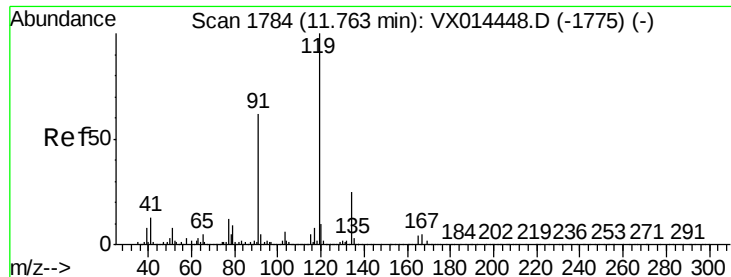
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.404 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.9	47.7





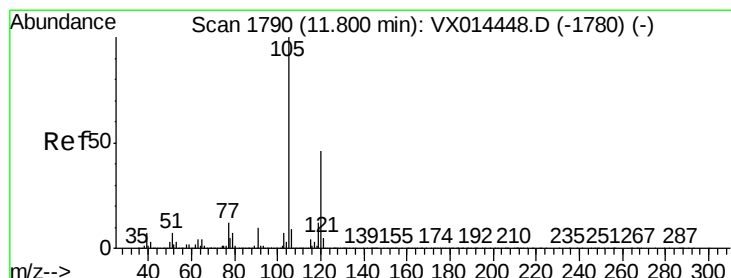
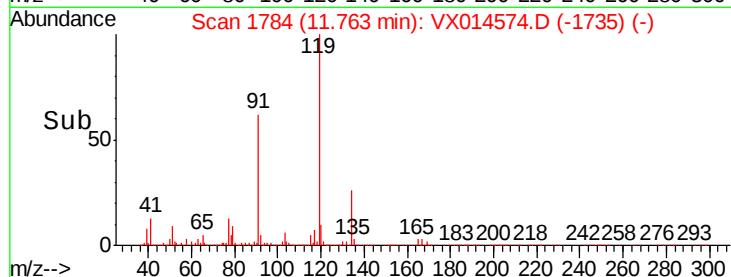
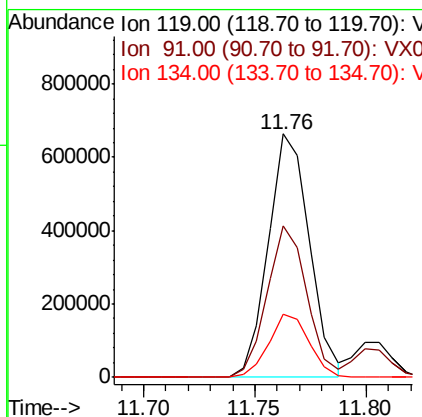
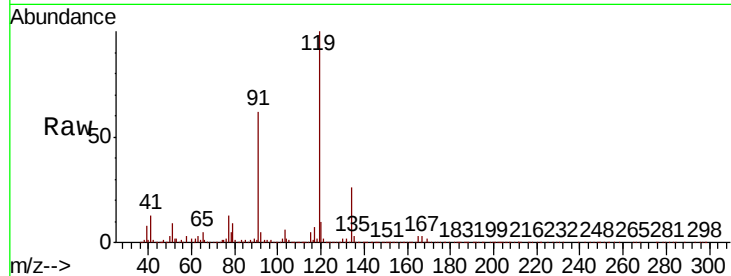
#83
 tert-Butylbenzene
 Concen: 48.766 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.3	88.0
134	25.6	12.4	37.4

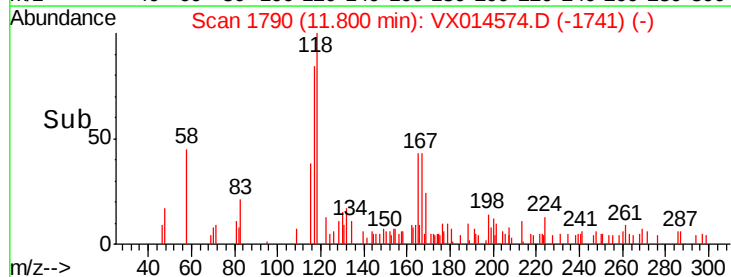
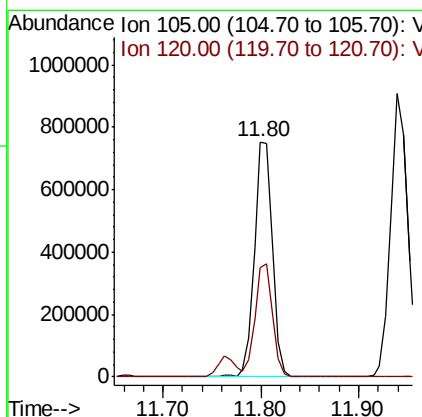
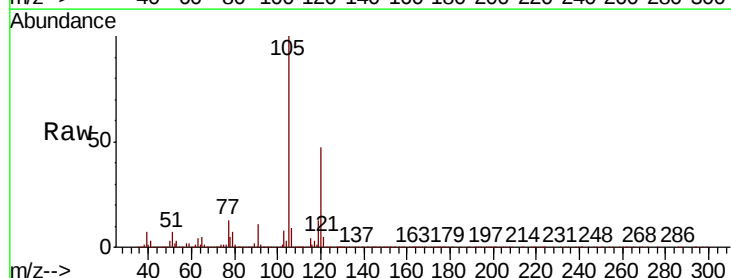
Manual Integrations
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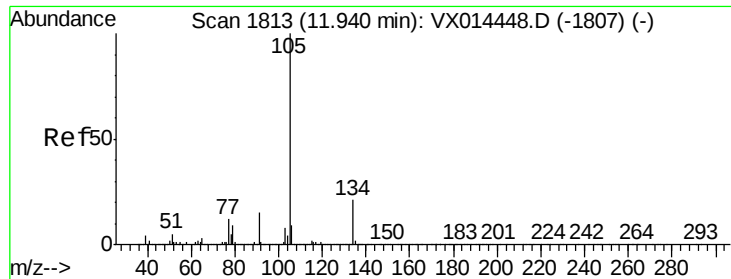
MMDadoda
 1/13/2020 11:34:01 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.244 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.206 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1091000

Ion Ratio Lower Upper

105 100

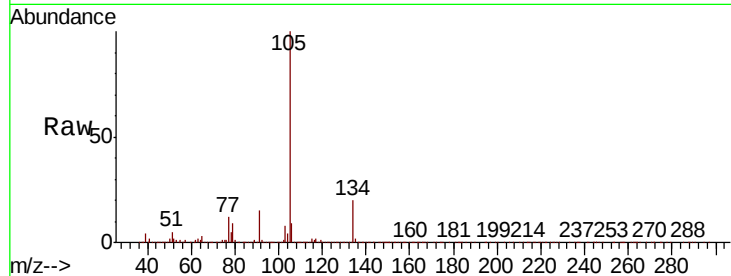
134 20.9 10.5 31.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

600000

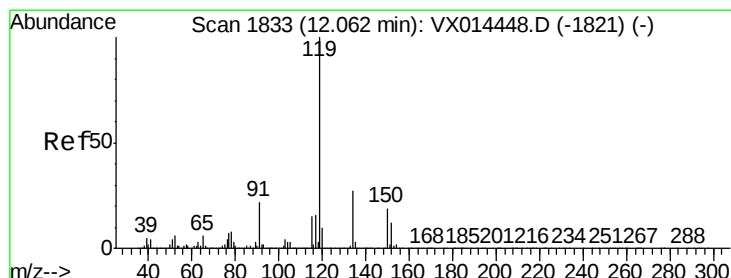
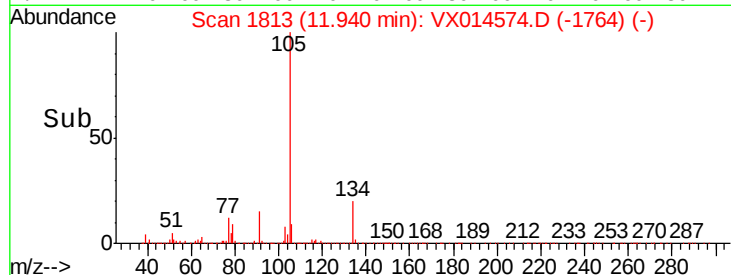
400000

200000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 50.239 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

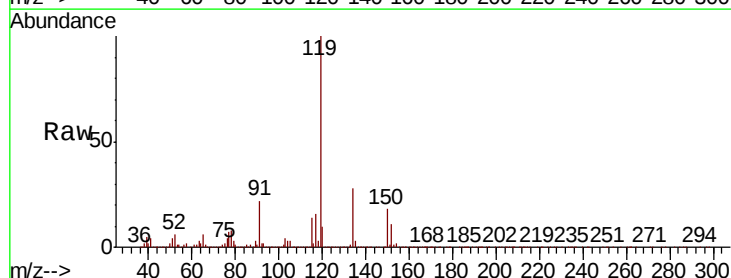
Tgt Ion:119 Resp: 1013075

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.3 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

800000

600000

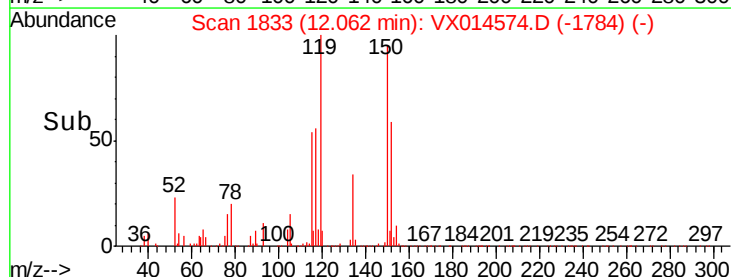
400000

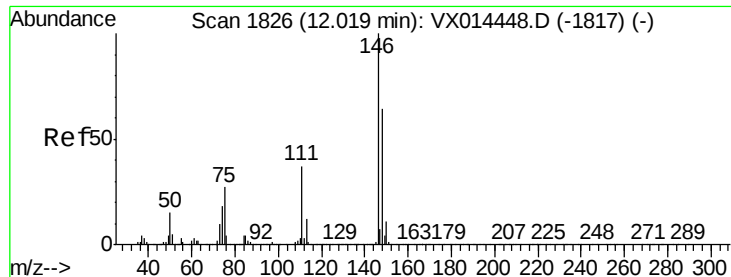
200000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.380 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

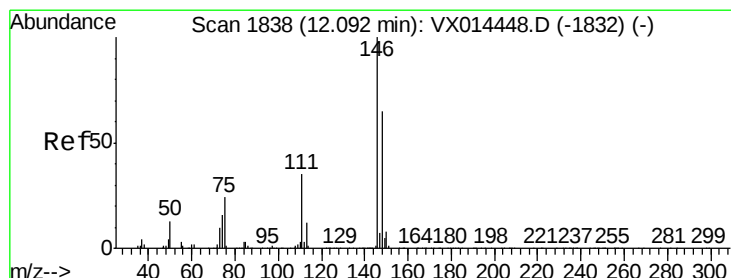
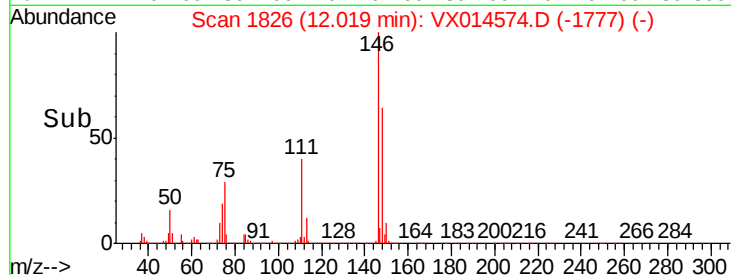
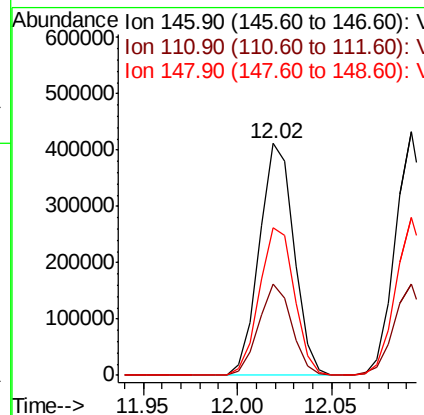
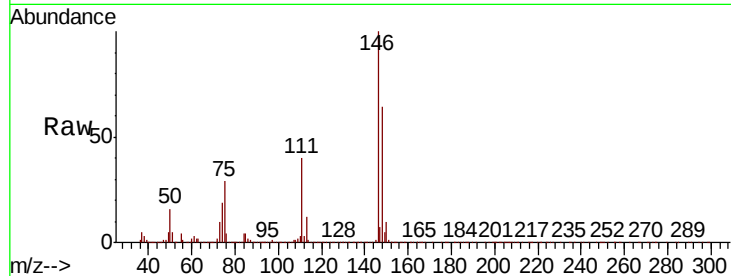
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	525457
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.9	56.7
148	64.2	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 50.169 ug/l

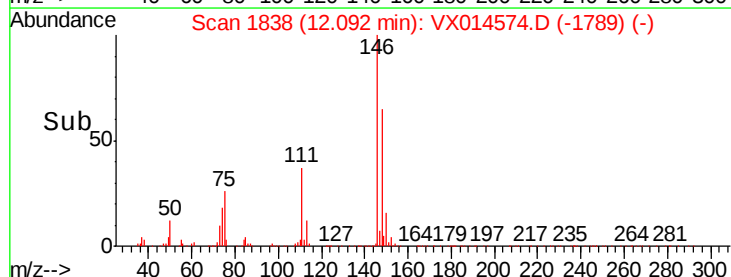
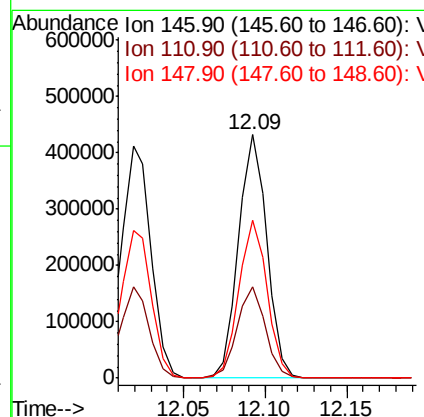
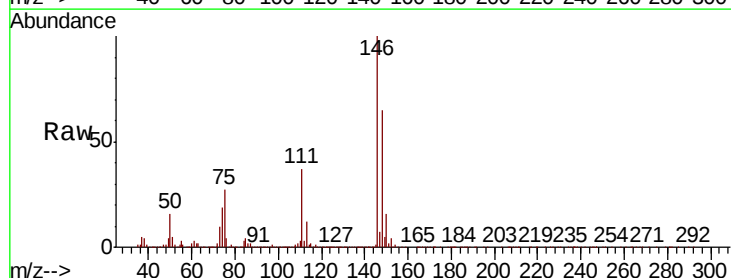
RT: 12.09 min Scan# 1838

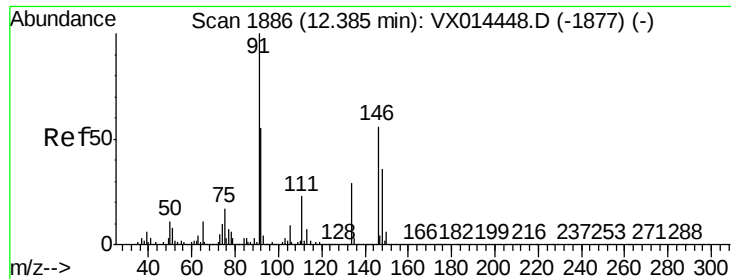
Delta R.T. 0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion:	146	Resp:	522688
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.1	54.1
148	64.9	32.1	96.3





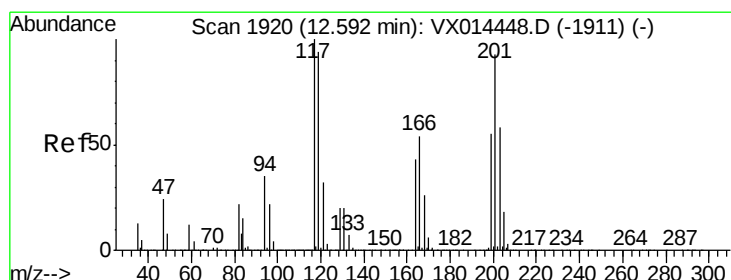
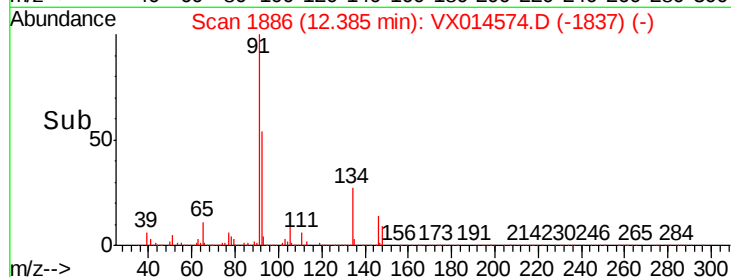
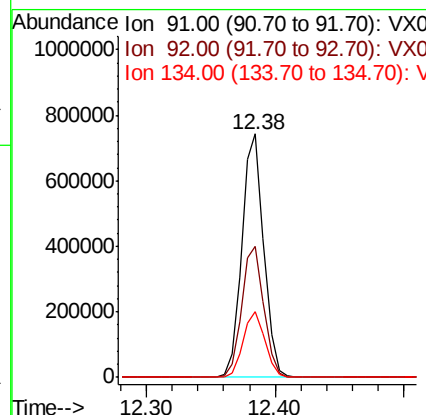
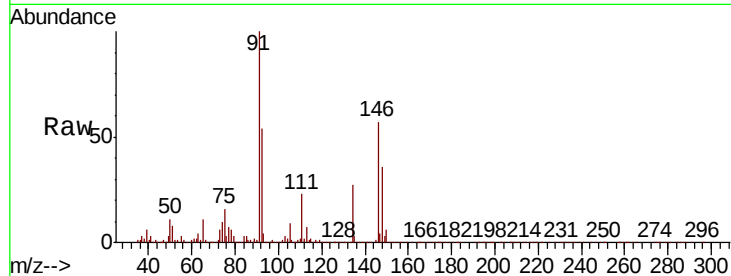
#89
n-Butylbenzene
Concen: 47.126 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	27.1	13.9	41.7

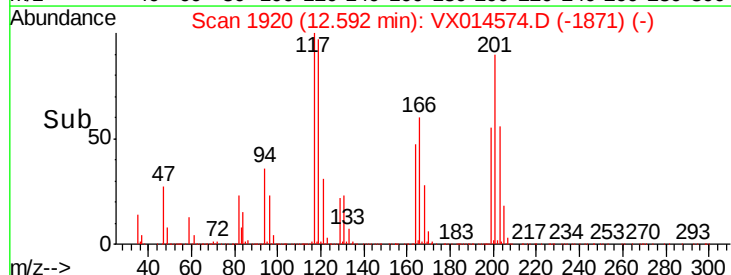
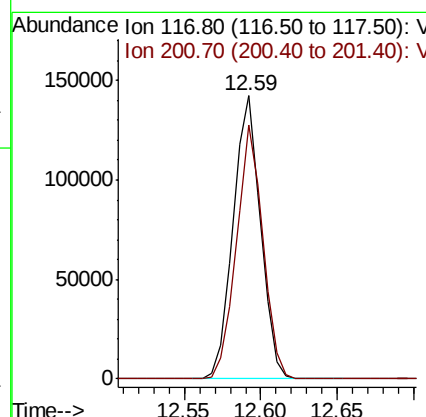
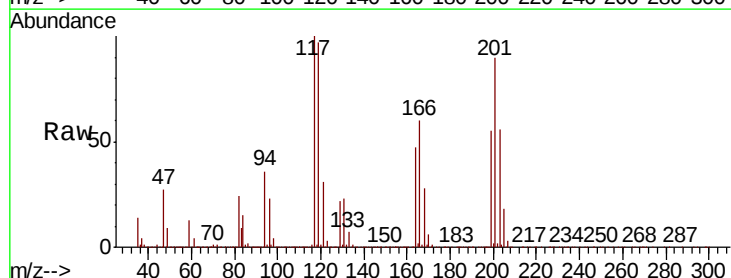
Manual Integrations
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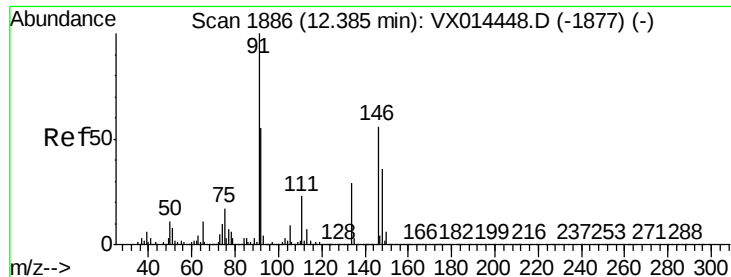
MMDadoda
1/13/2020 11:34:01 AM



#90
Hexachloroethane
Concen: 49.624 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	44.8	134.3





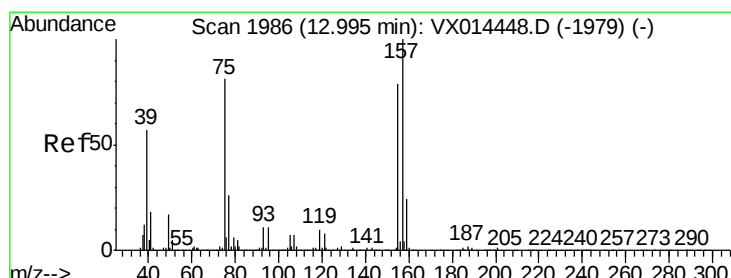
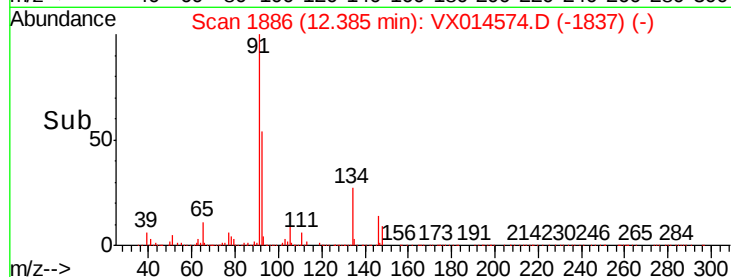
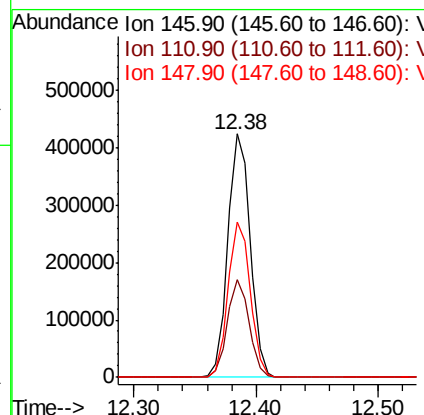
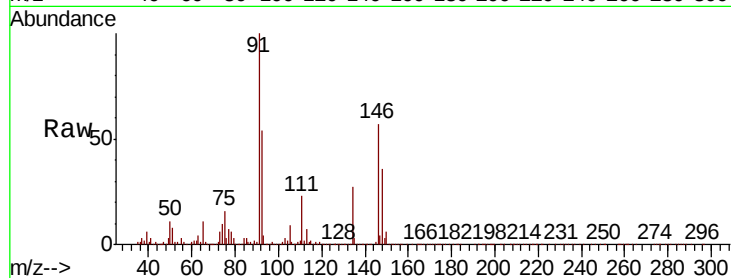
#91
1,2-Dichlorobenzene
Concen: 49.347 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.4
148	63.0	32.3	96.8

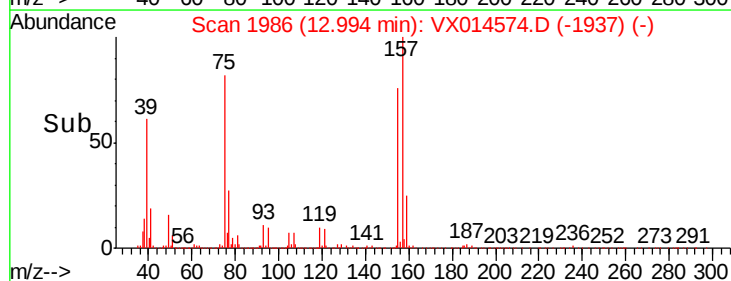
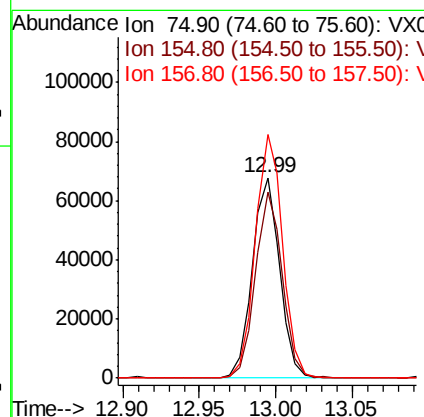
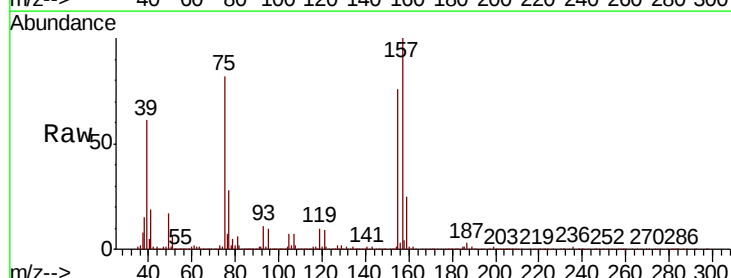
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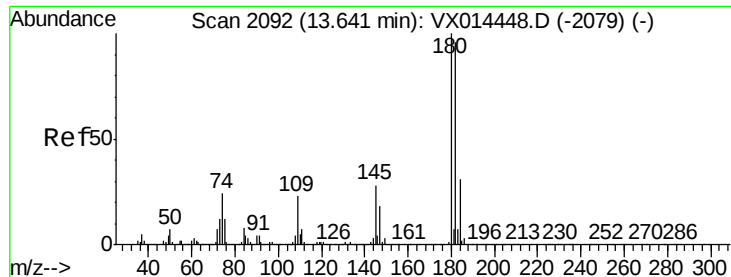
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#92
1,2-Dibromo-3-Chloropropane
Concen: 51.781 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.7	146.1
157	122.6	62.0	185.9





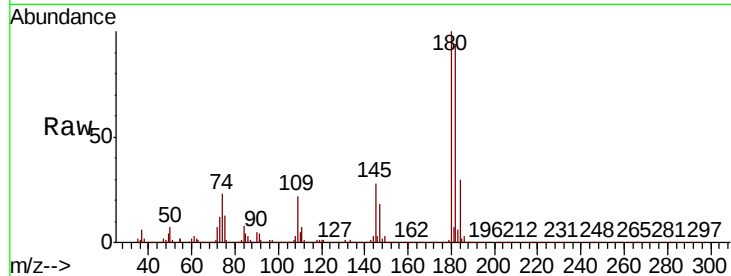
#93
 1,2,4-Trichlorobenzene
 Concen: 47.447 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.5
145	27.9	13.9	41.6

Manual Integrations
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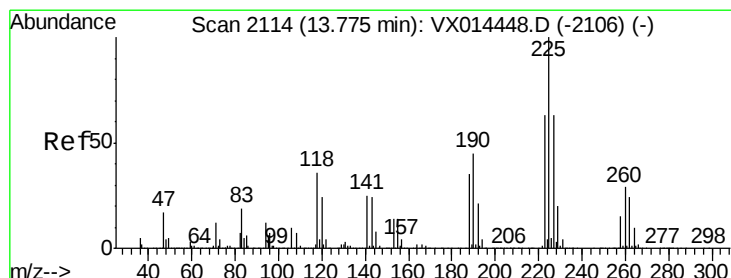
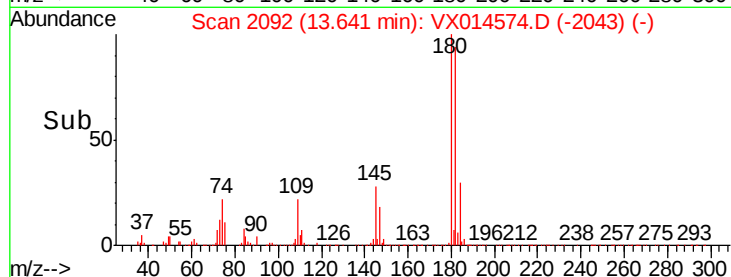
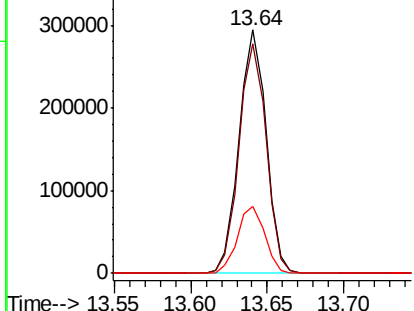


Abundance

Ion 179.80 (179.50 to 180.50): V

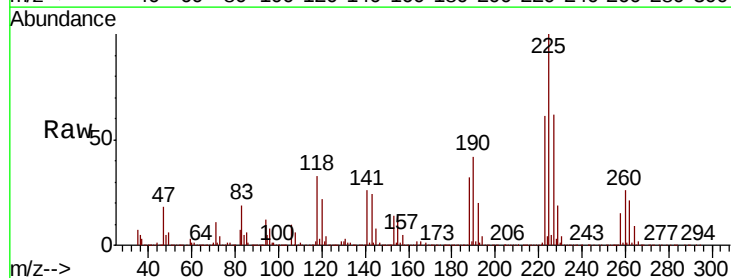
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.357 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.2
227	63.1	31.4	94.2

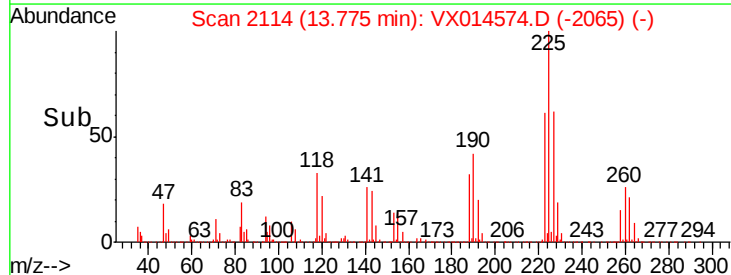
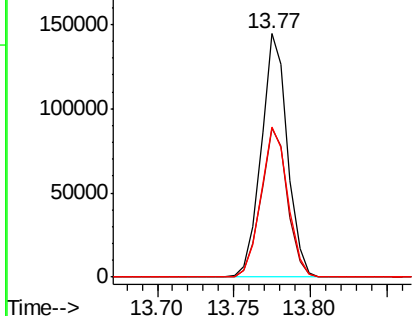


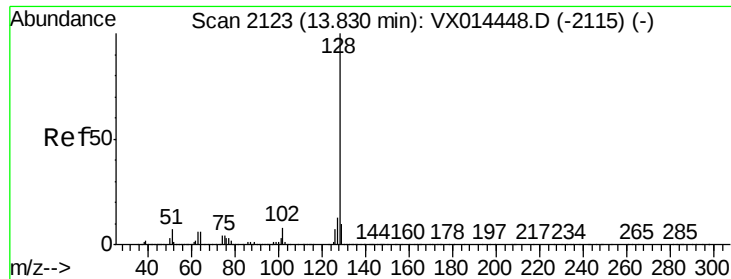
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





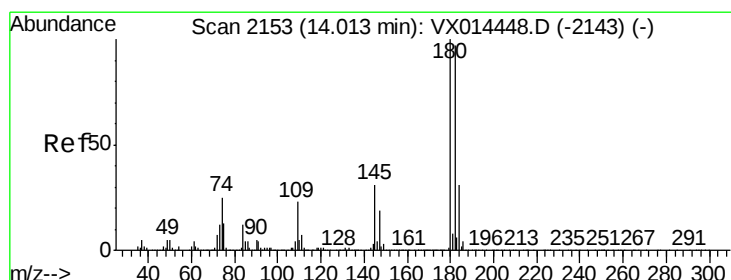
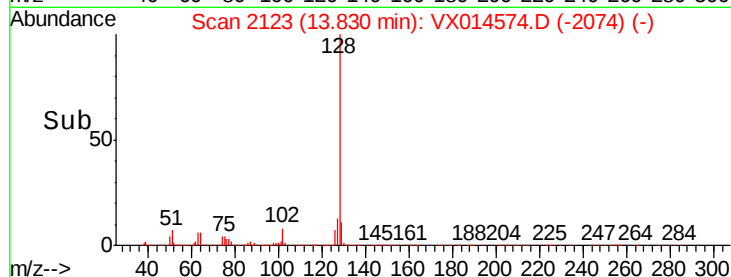
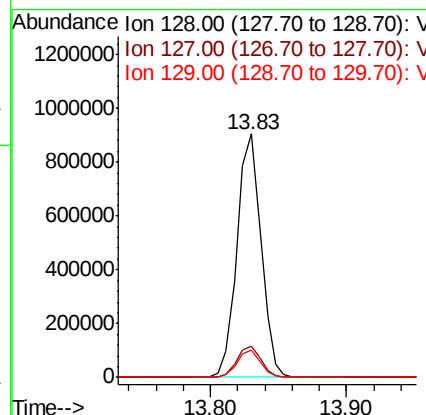
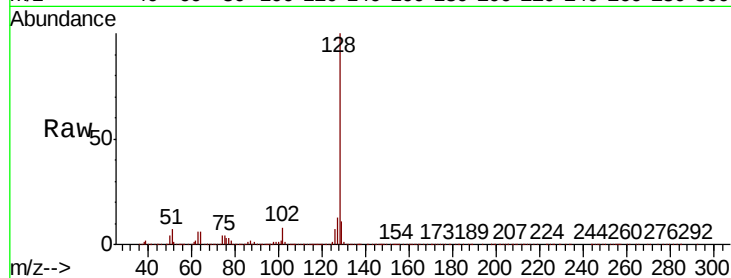
#95
Naphthalene
Concen: 47.023 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

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1/13/2020 11:34:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.974 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.6
145	29.6	14.8	44.3

